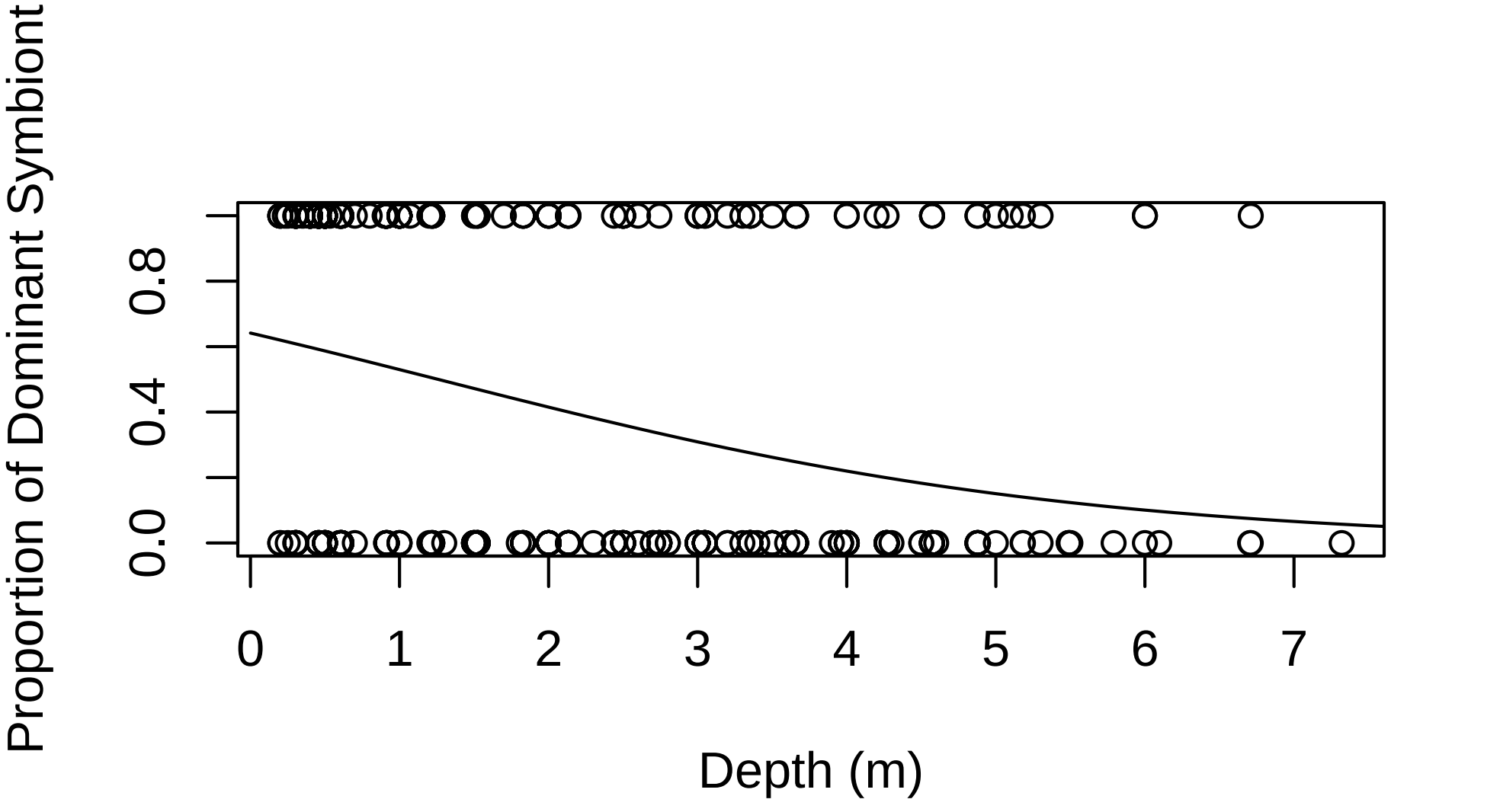
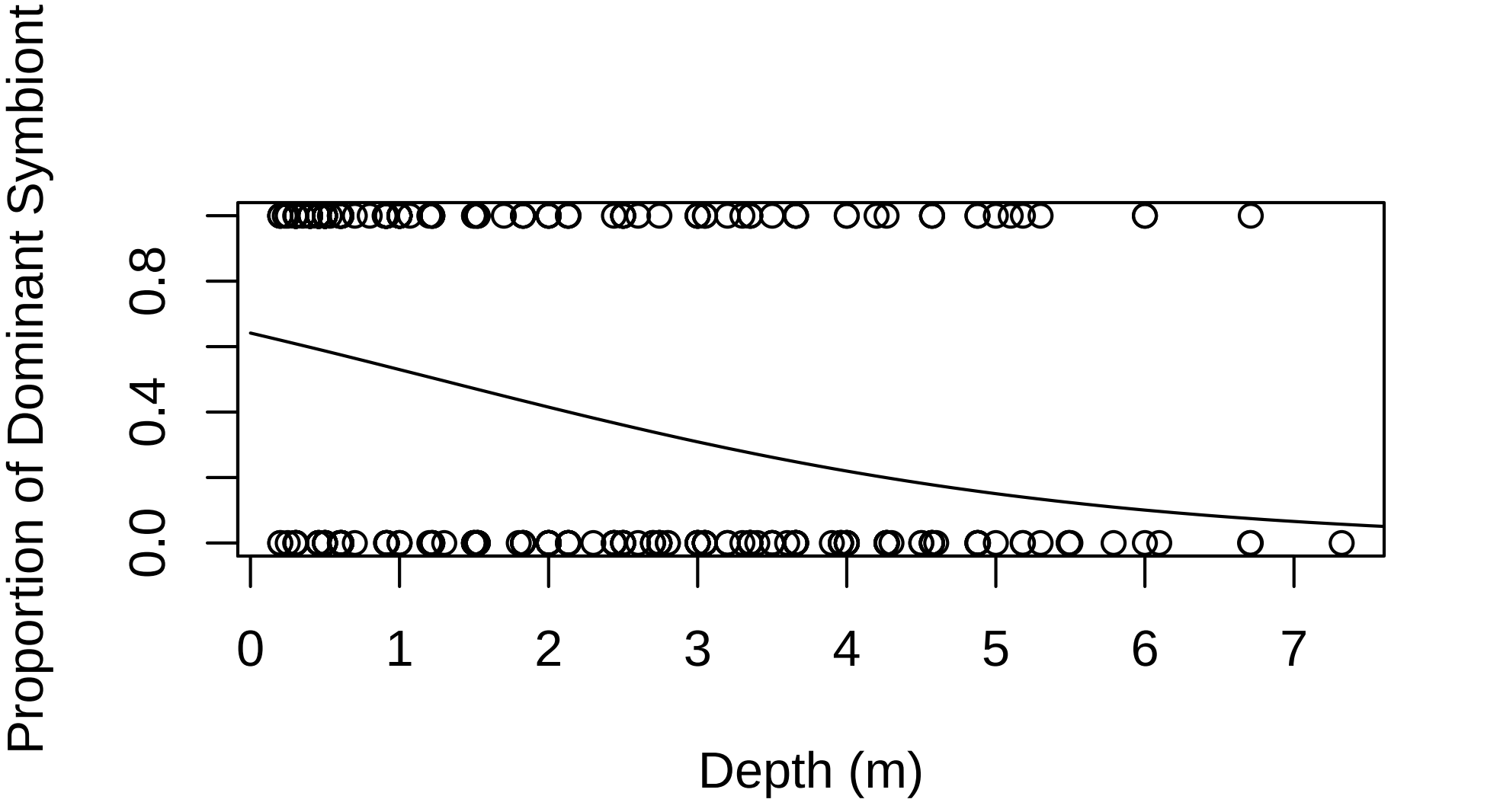
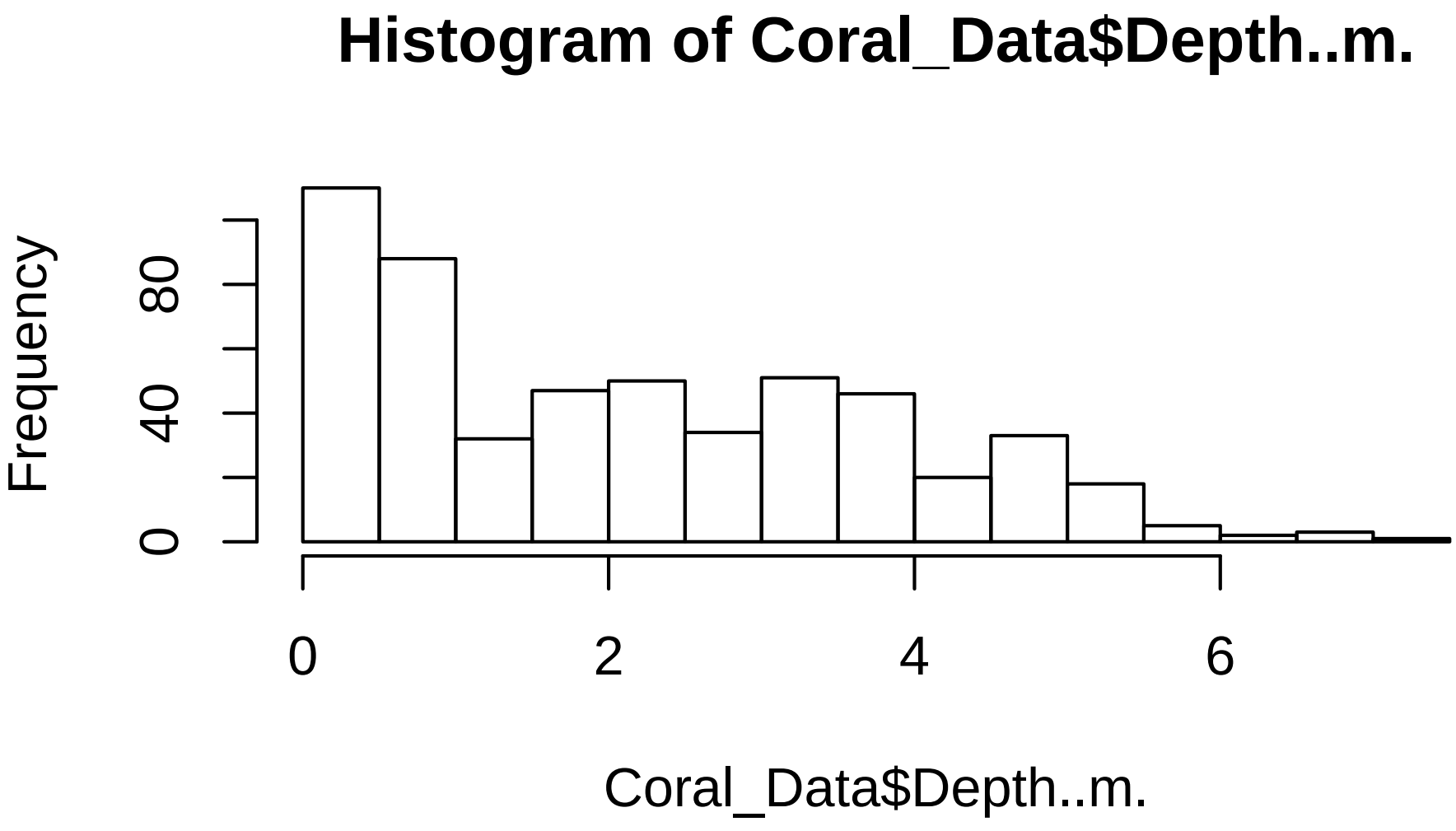
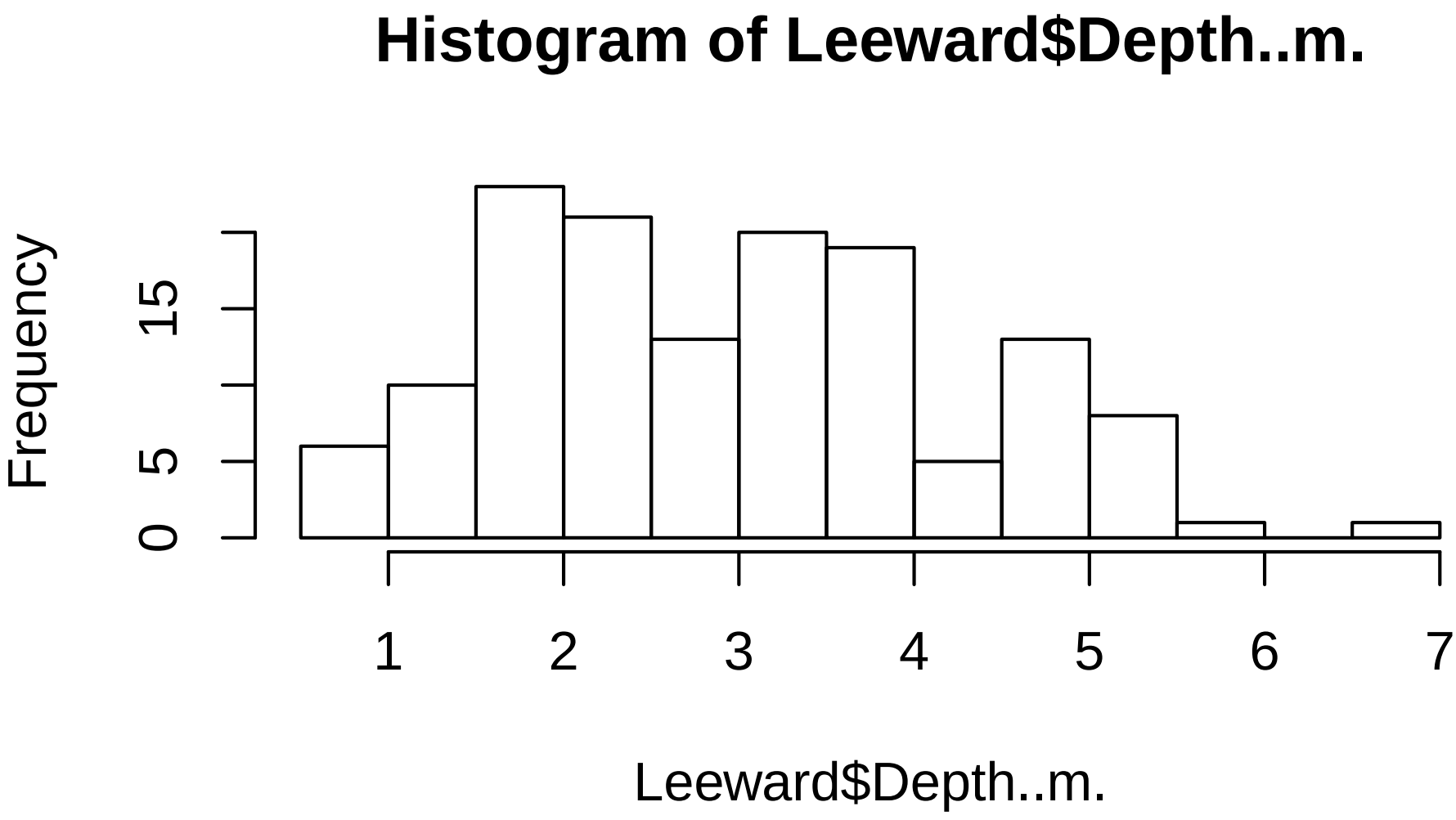
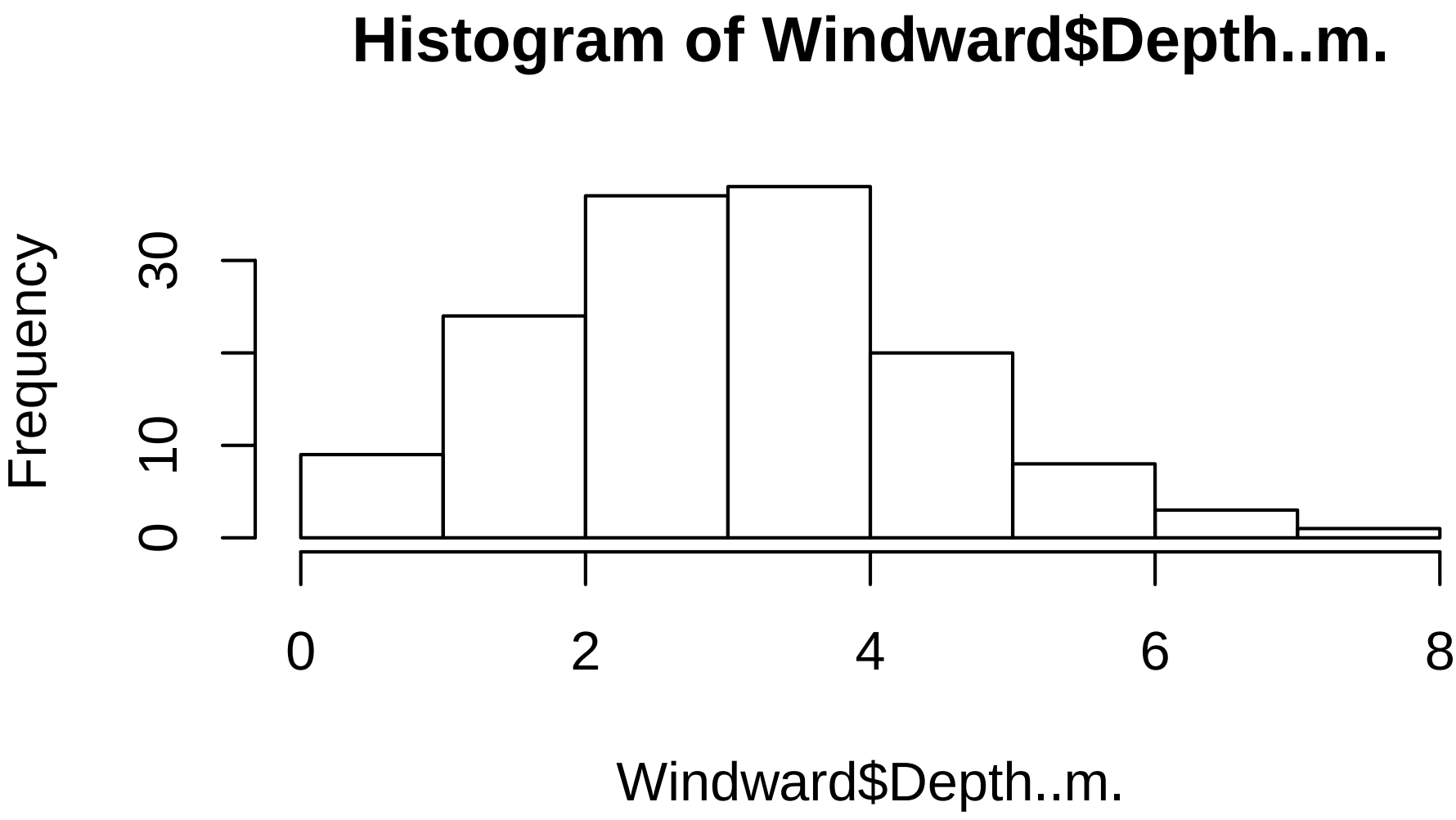
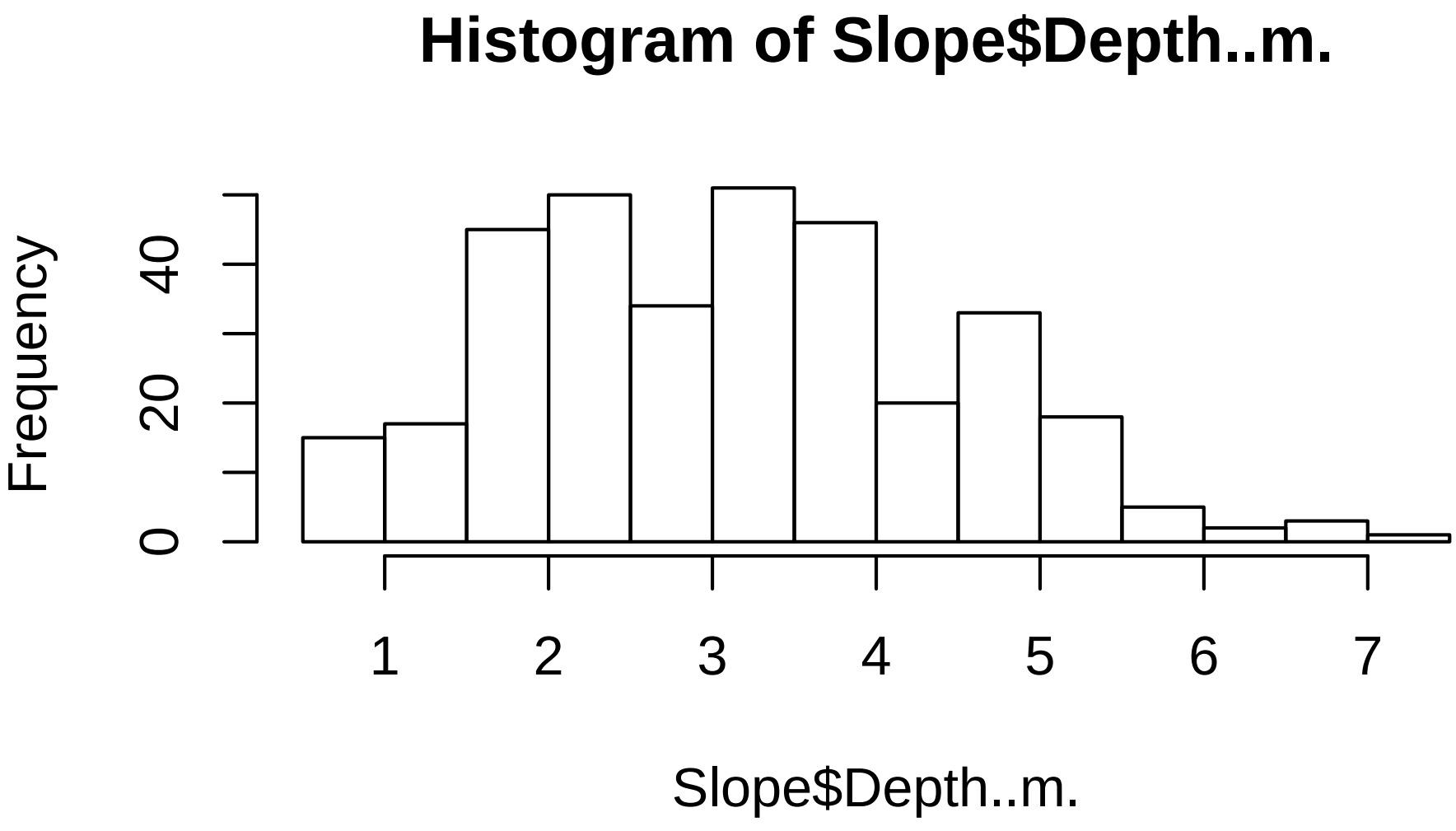

Proportion of Dominant Symbiont
0.0
0.4
0.8
0
1
2
3
4
5
6
7
Depth (m)


Proportion of Dominant Symbiont
0.0
0.4
0.8
0
1
2
3
4
5
6
7
Depth (m)

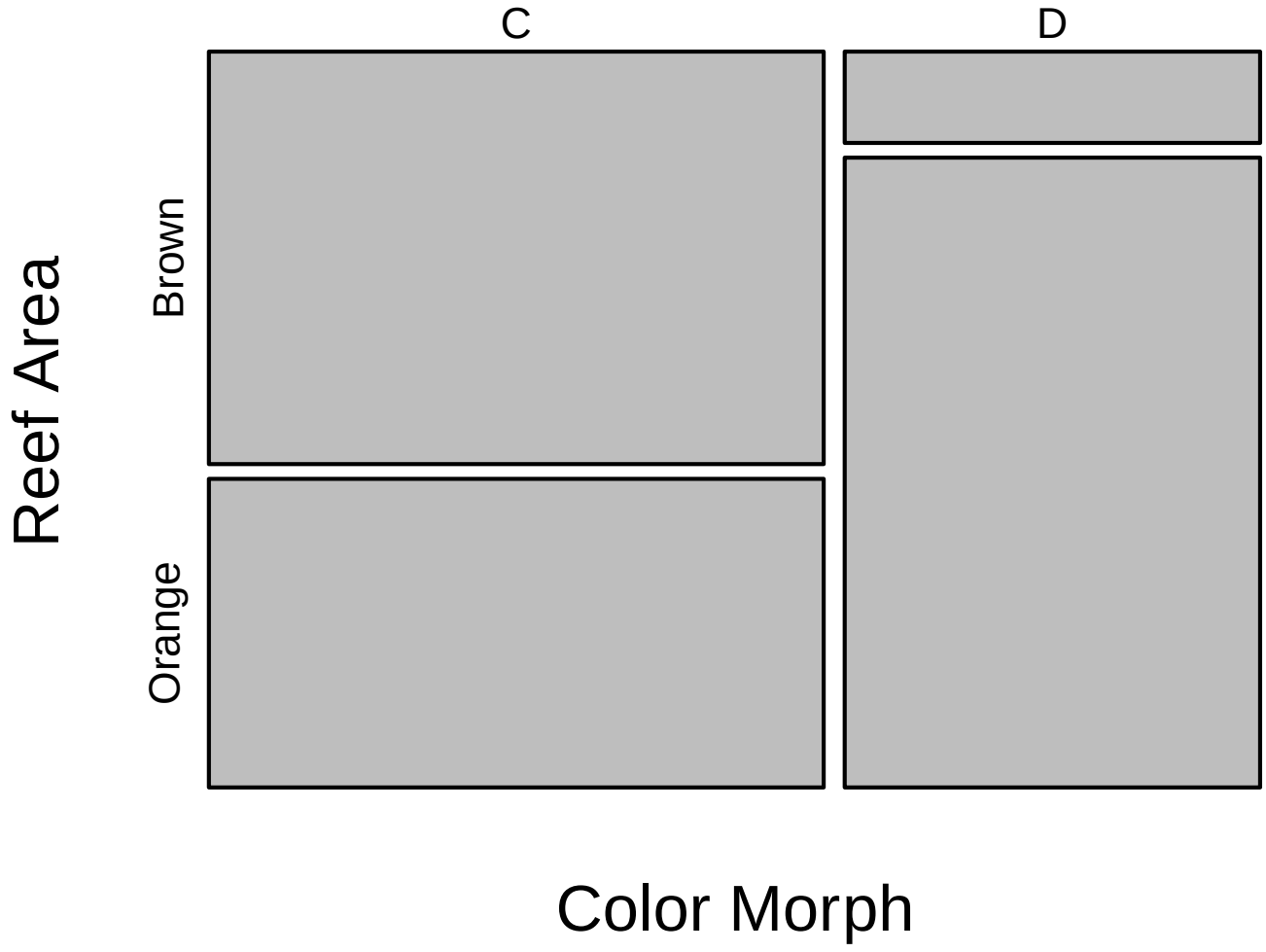

Histogram of Coral_Data$Depth..m.
Frequency
0
40
80
0
2
4
6
Coral_Data$Depth..m.

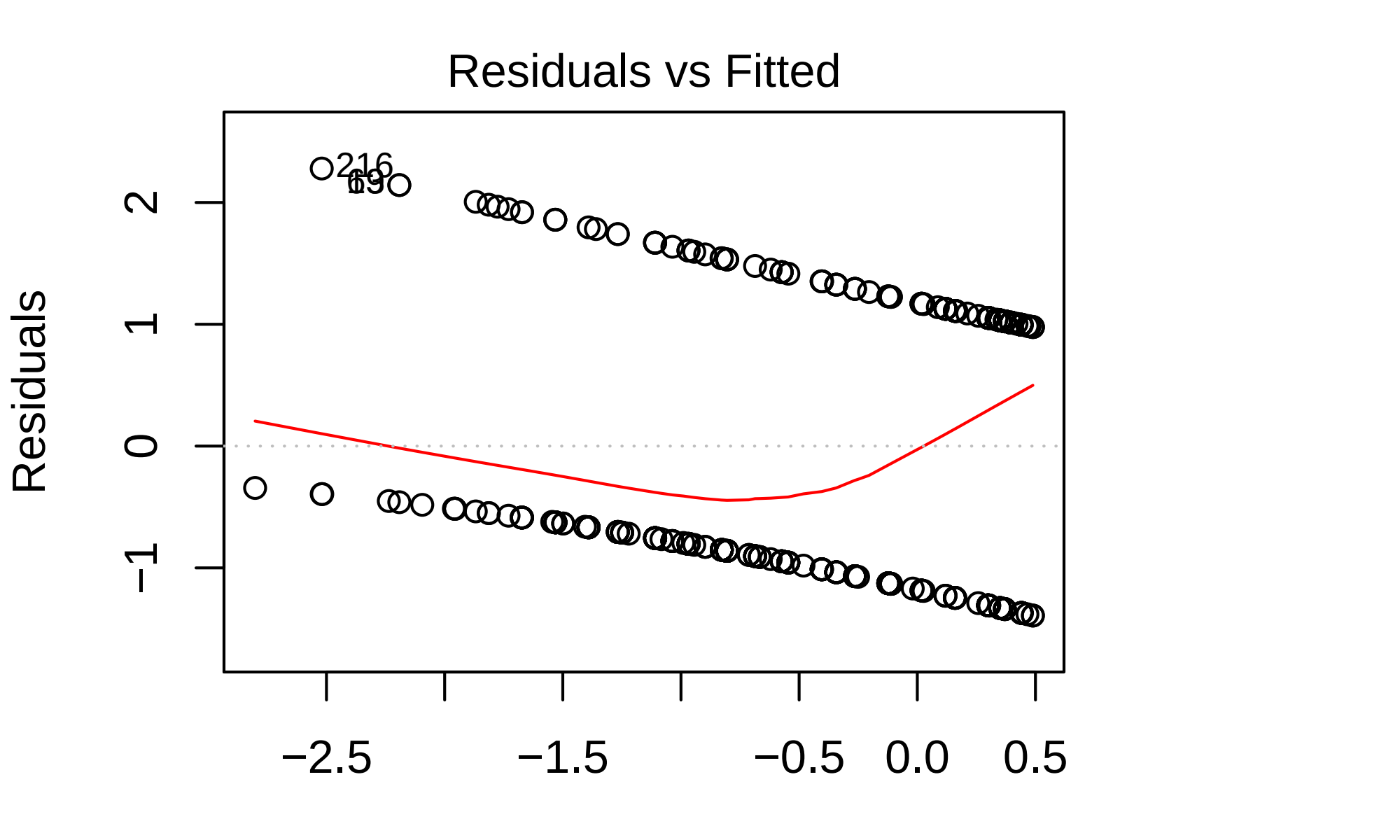

Histogram of Leeward$Depth..m.
Frequency
0
5
15
1
2
3
4
5
6
7
Leeward$Depth..m.

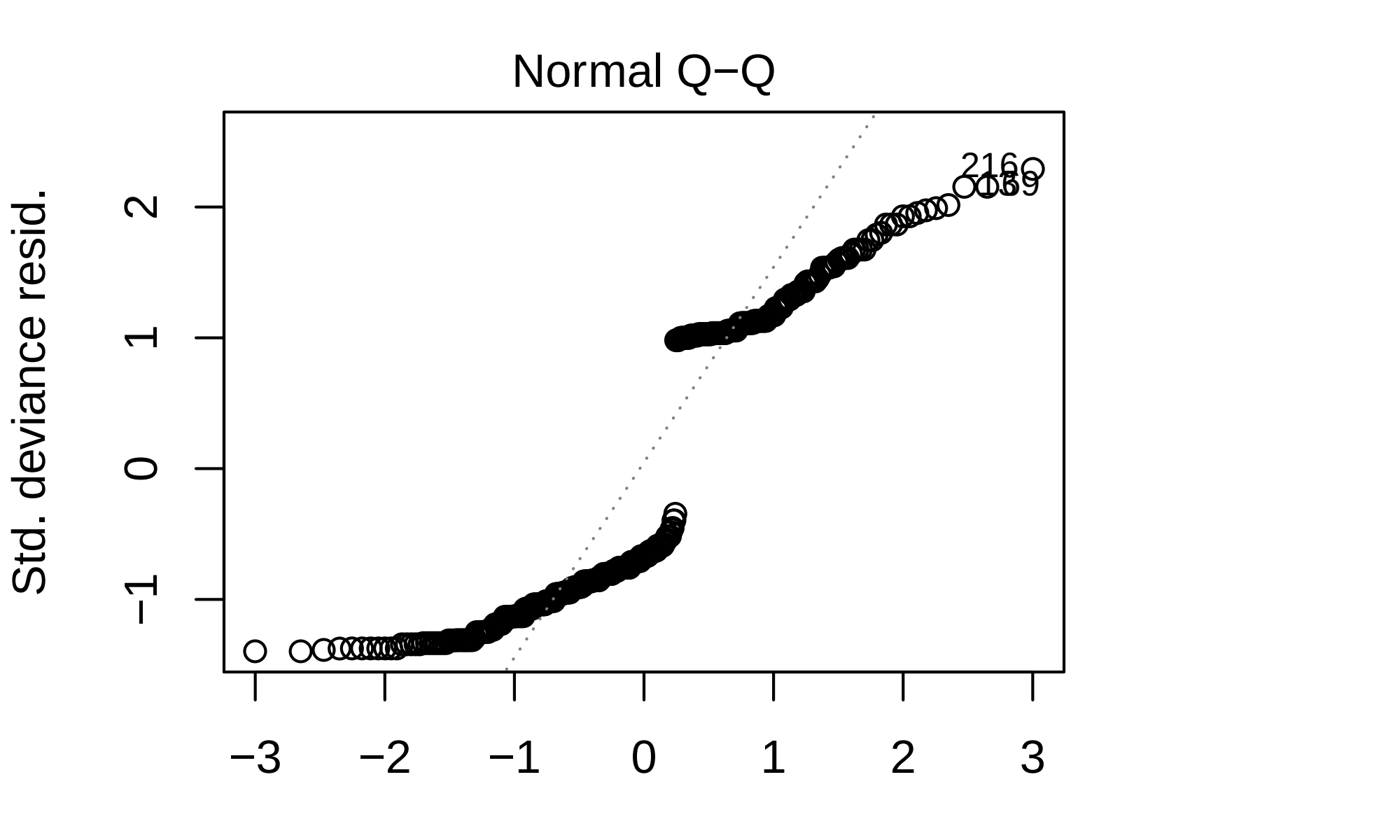

Histogram of Windward$Depth..m.
Frequency
0
10
30
0
2
4
6
8
Windward$Depth..m.

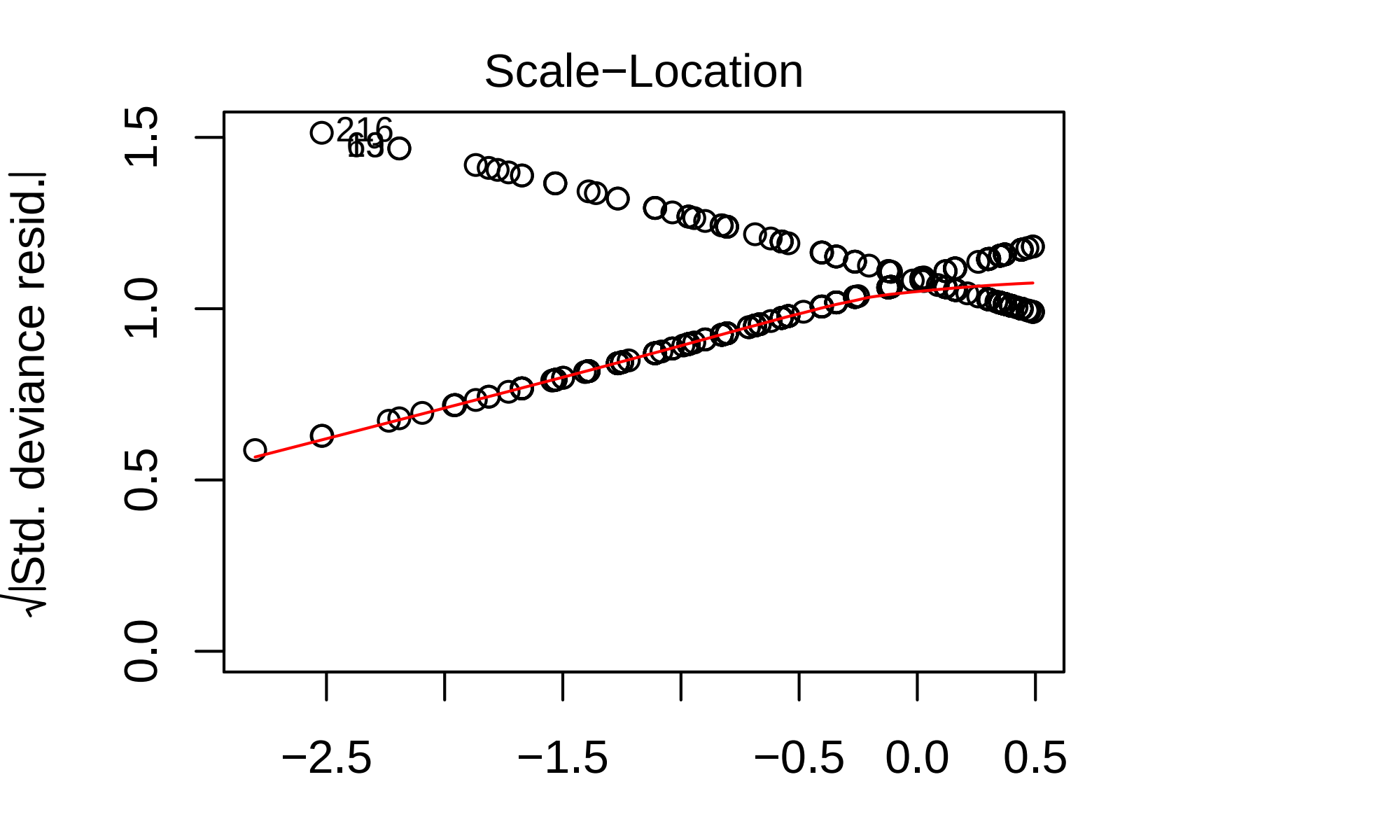

Histogram of Slope$Depth..m.
Frequency
0
20
40
1
2
3
4
5
6
7
Slope$Depth..m.

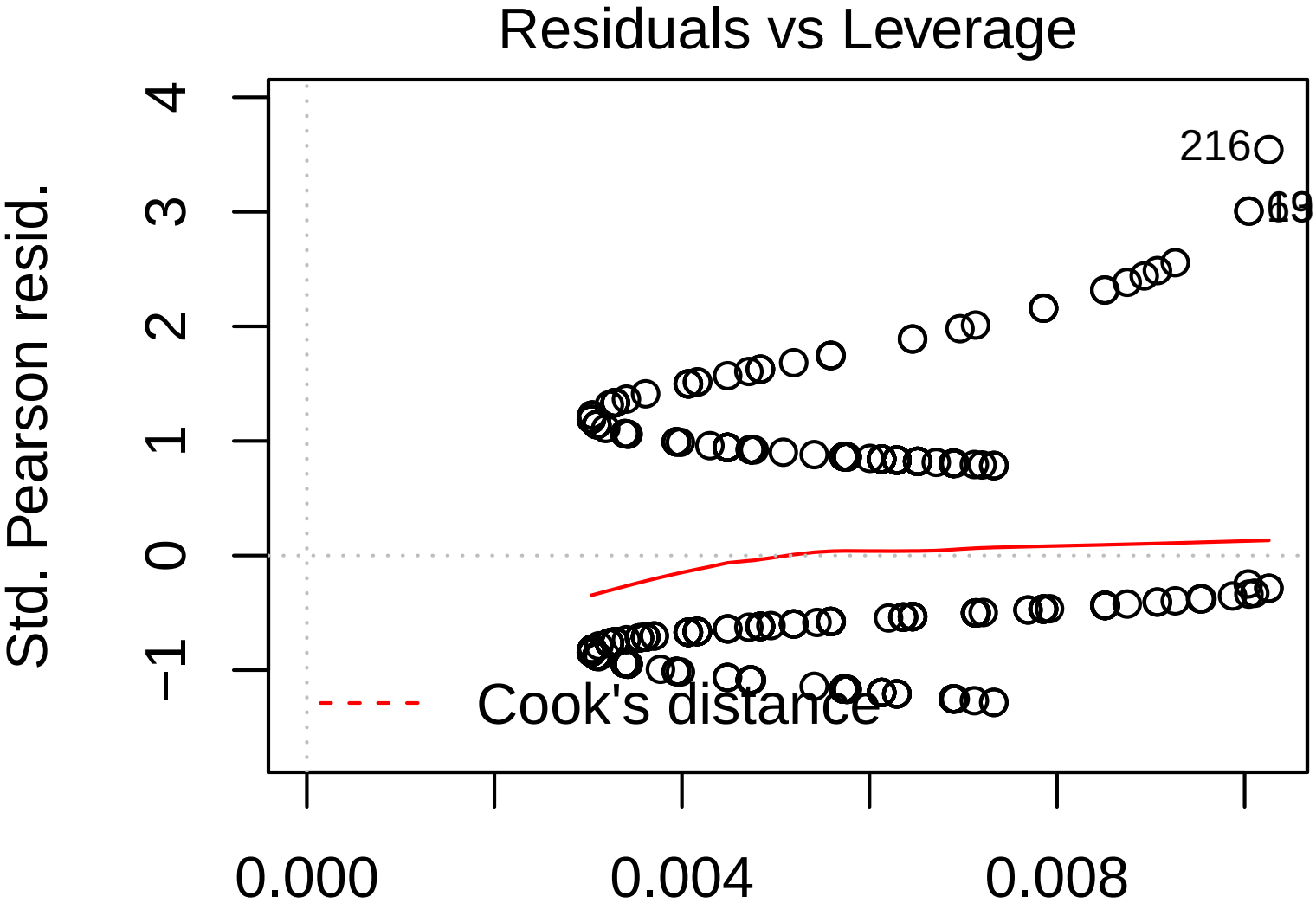
Proportion of Dominant Symbiont
0.0
0.2
0.4
0.6
0.8
1.0
Slope
Top
C
D

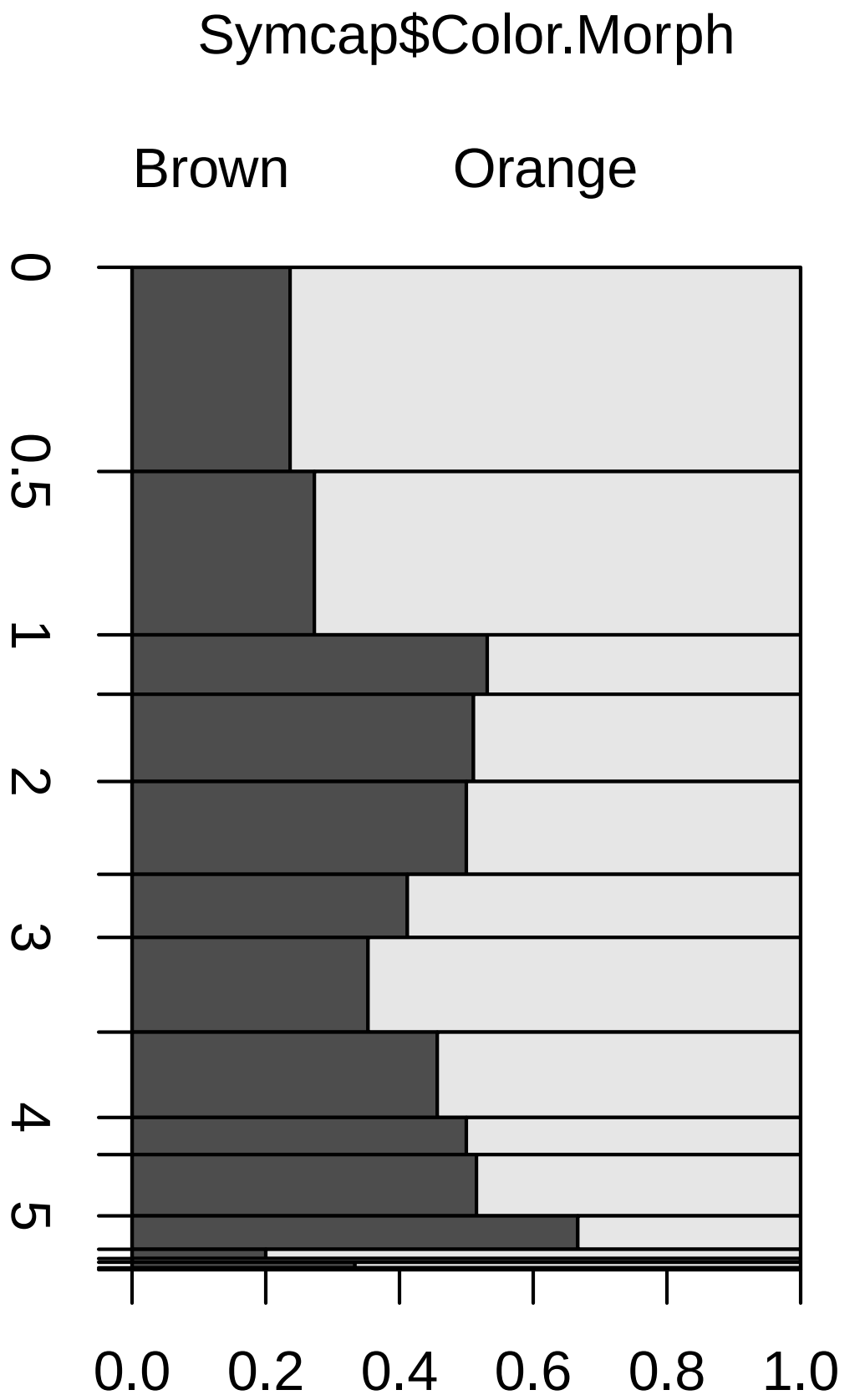

C
D
Brown
Orange
Reef Area
Color Morph

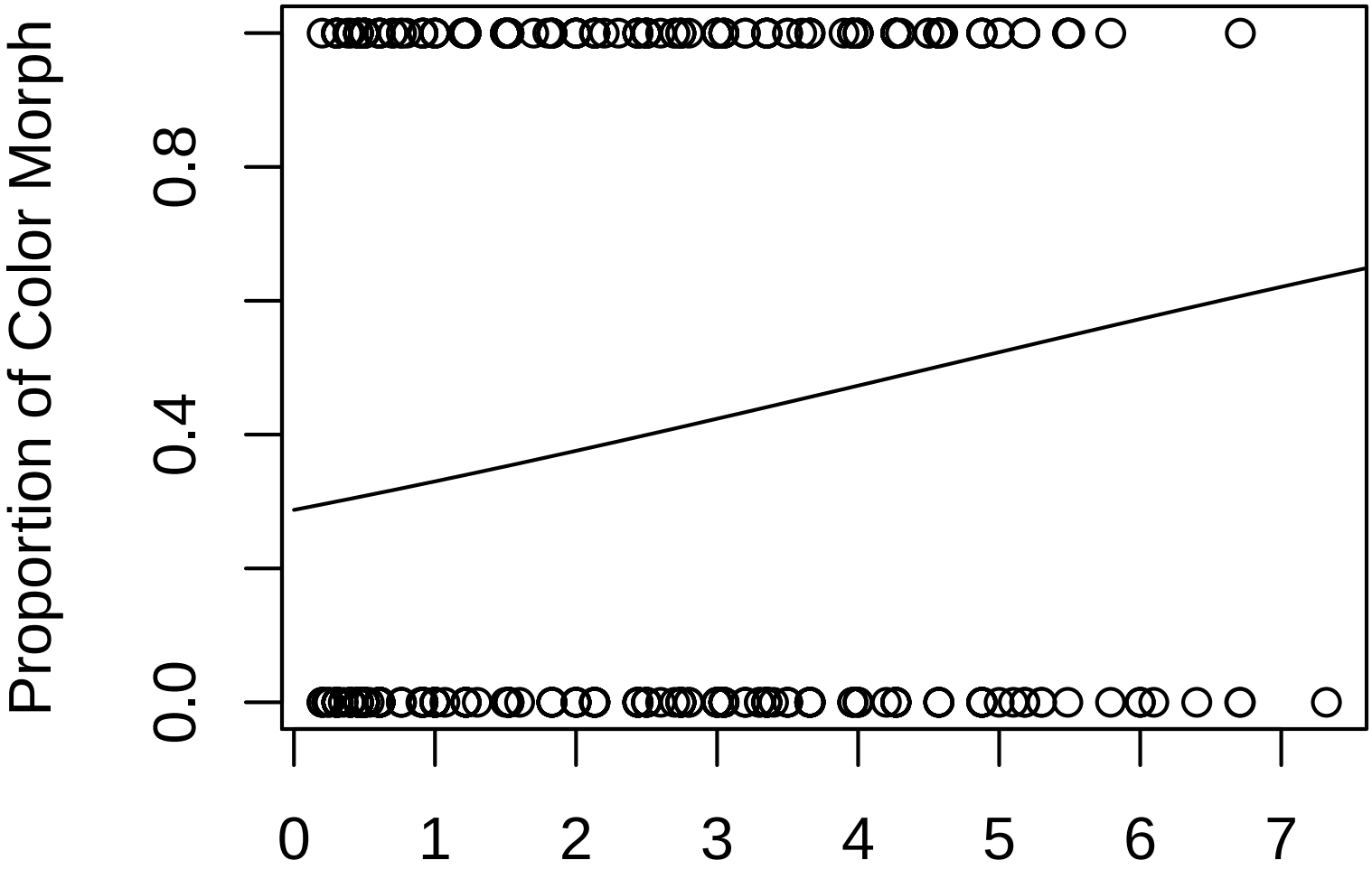

Residuals vs Fitted
Residuals
216
69
2
1
0
−1
−2.5
−1.5
−0.5
0.0
0.5

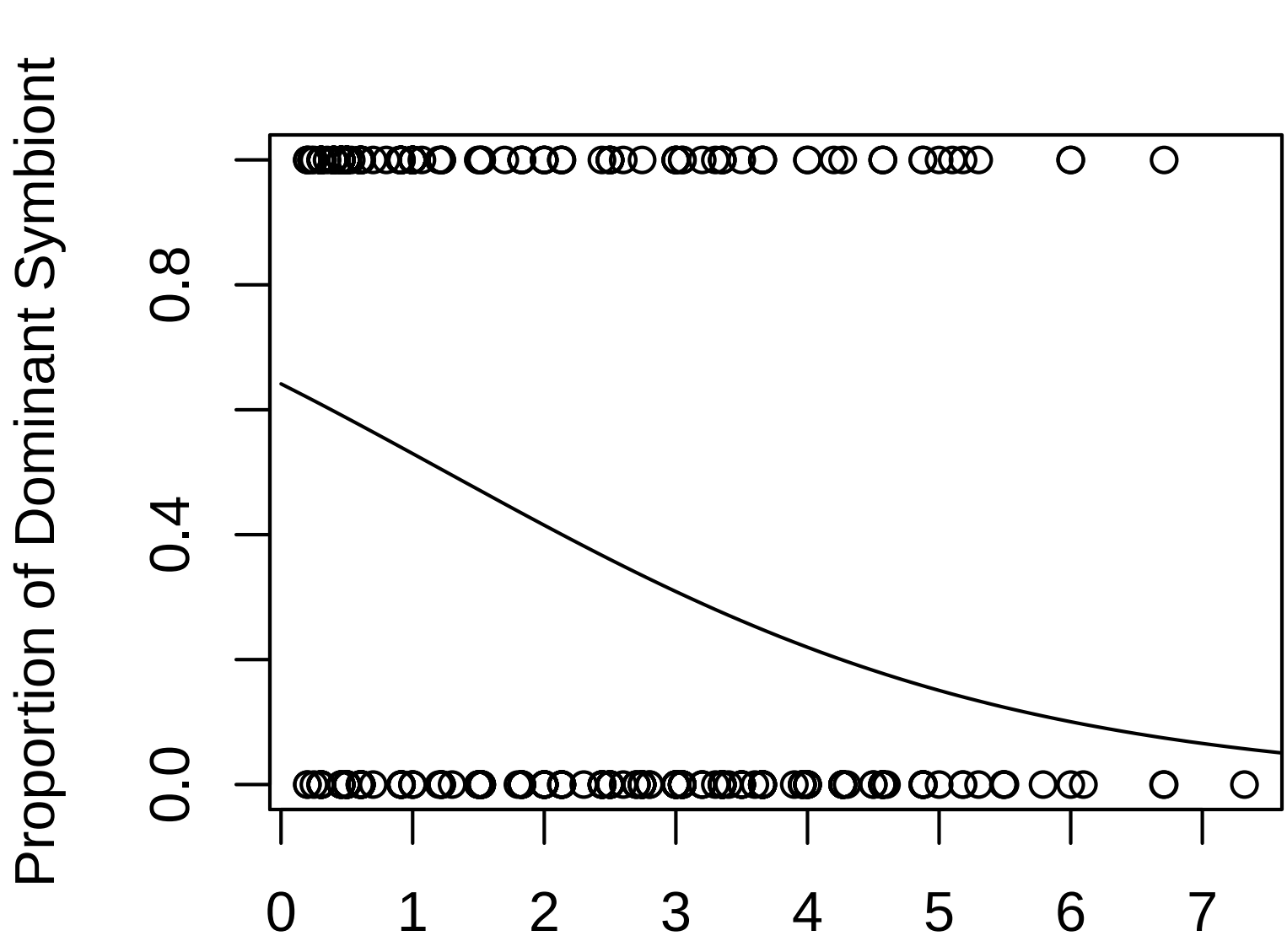

Normal Q−Q
Std. deviance resid.
216
159
−3
−2
−1
0
1
2
3
−1
0
1
2

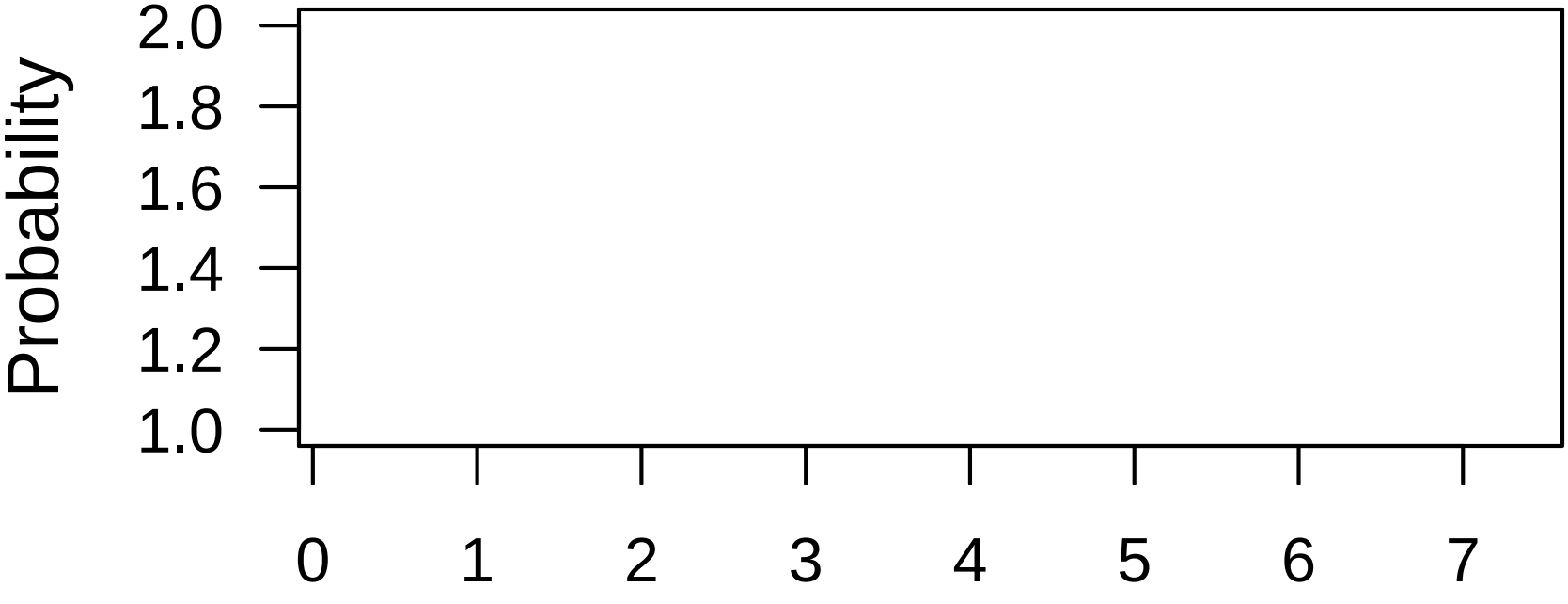

Scale−Location
√|Std. deviance resid.|
0.0
0.5
1.0
1.5
216
−2.5
−1.5
−0.5
0.0
0.5

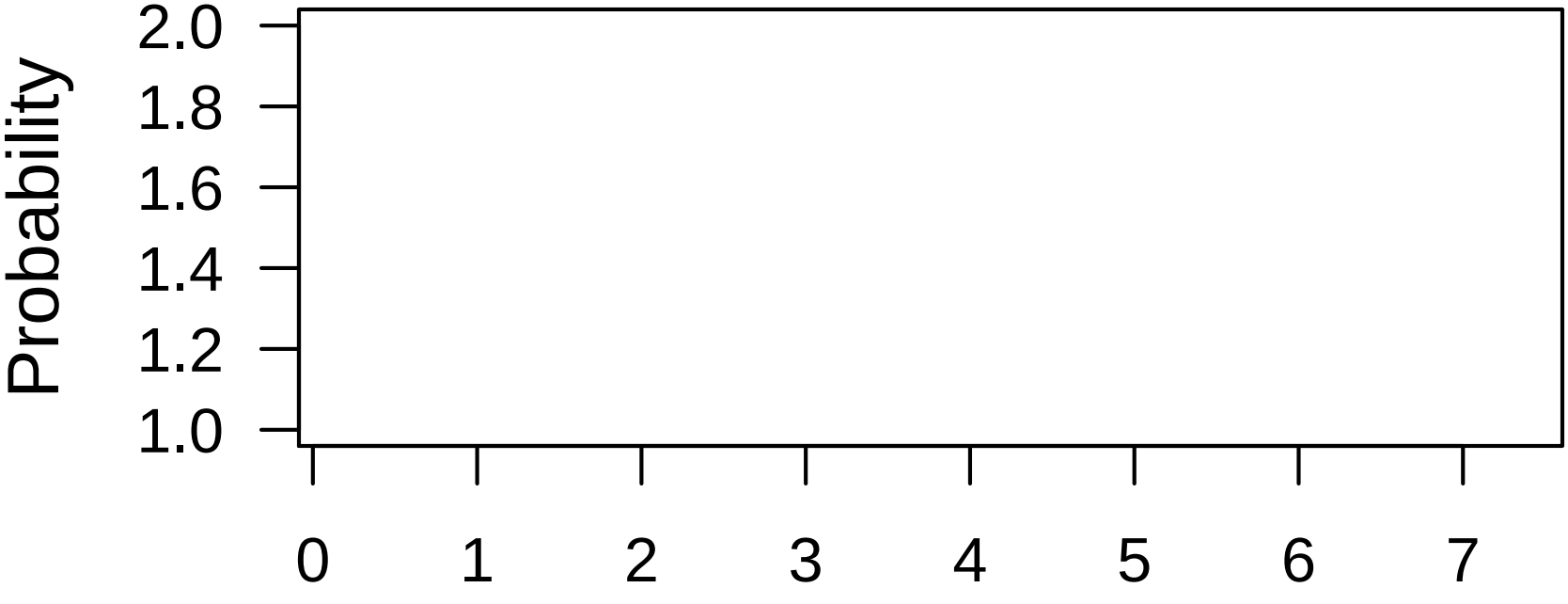

Residuals vs Leverage
Std. Pearson resid.
4
3
2
1
0
−1
216
69
Cook's distance
0.000
0.004
0.008

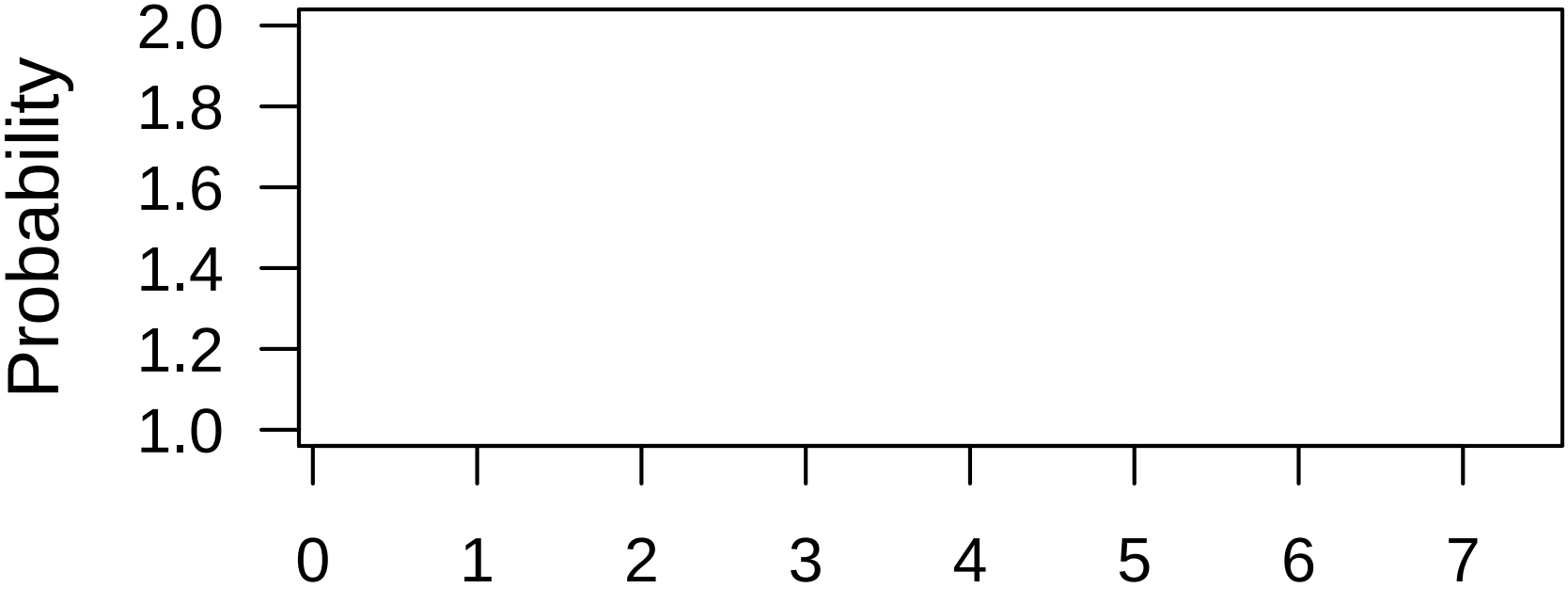

Symcap$Color.Morph
Brown
Orange
0
0.5
1
2
3
4
5
0.0
0.2
0.4
0.6
0.8
1.0

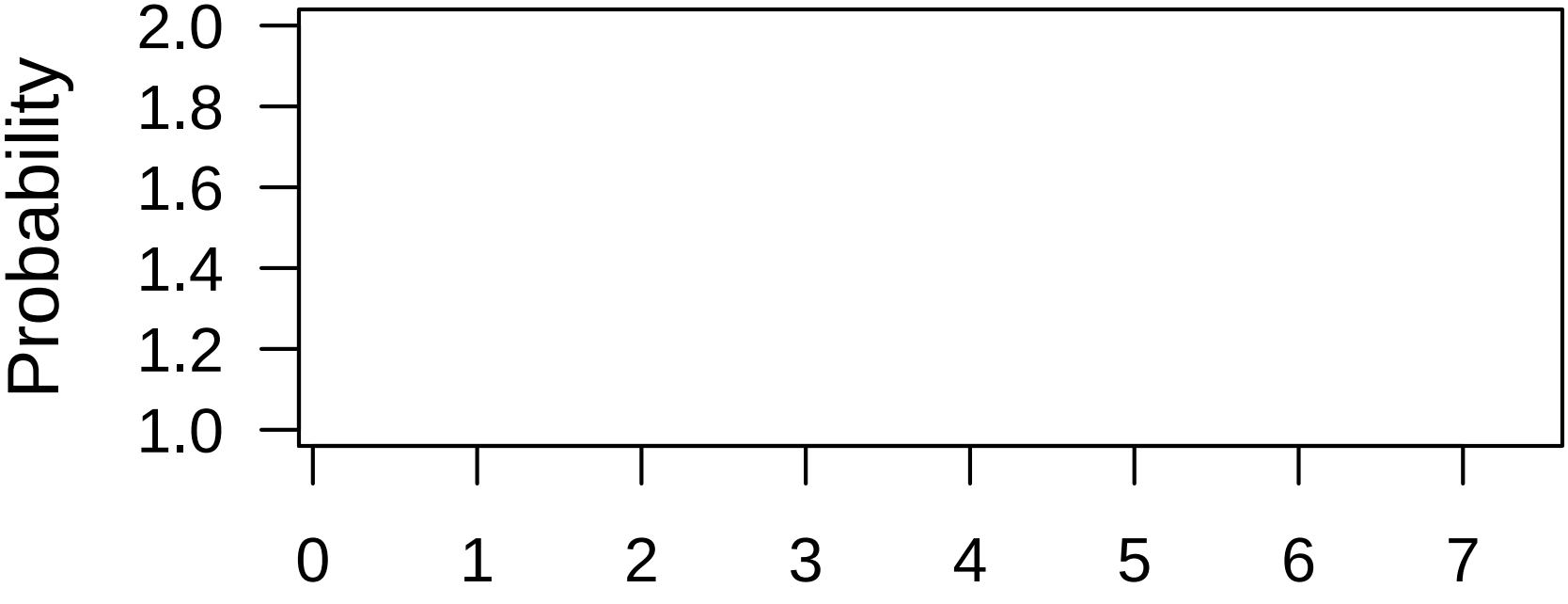

Proportion of Color Morph
0.0
0.4
0.8
0
1
2
3
4
5
6
7

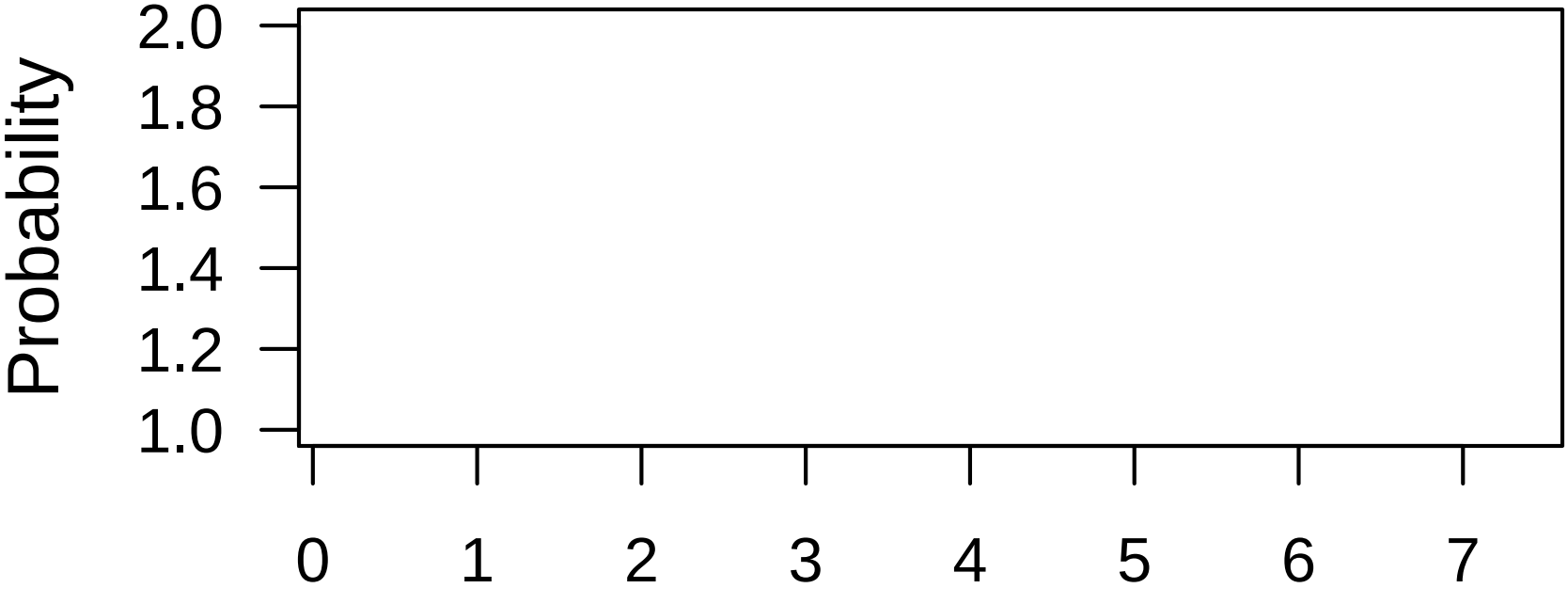

Proportion of Dominant Symbiont
0.0
0.4
0.8
0
1
2
3
4
5
6
7

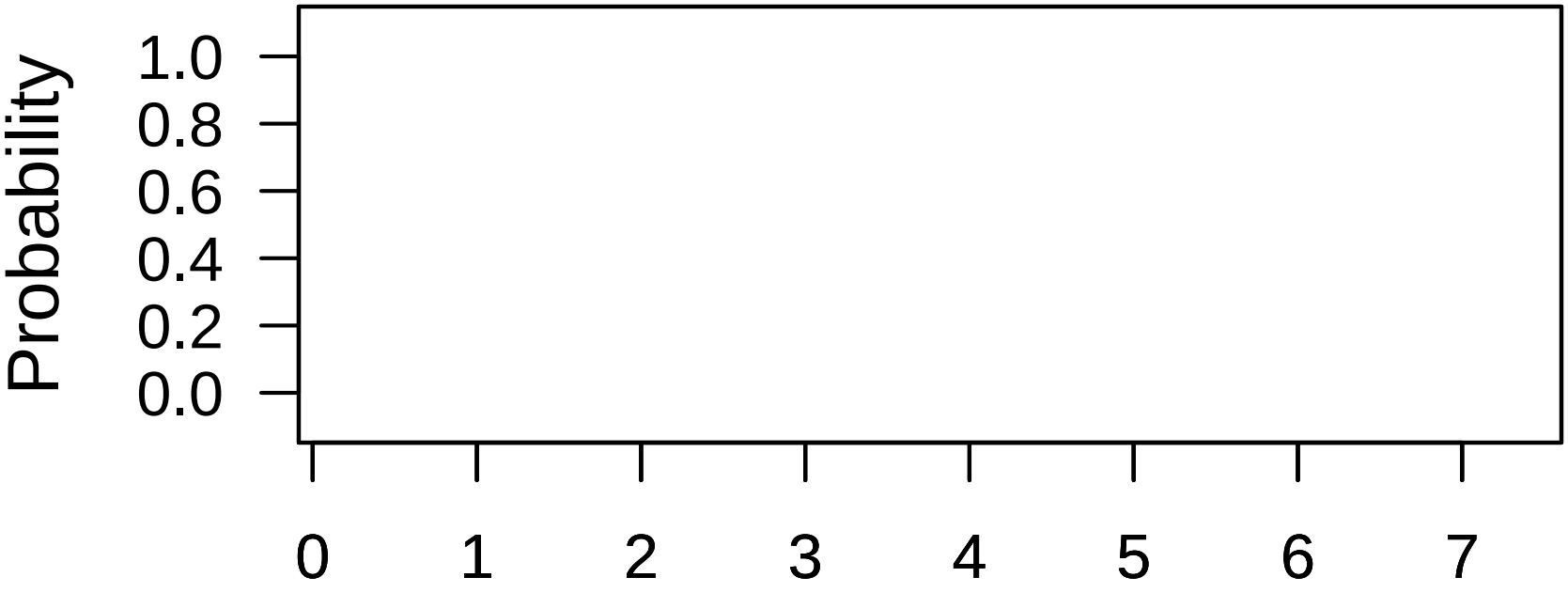

Probability
2.0
1.8
1.6
1.4
1.2
1.0
0
1
2
3
4
5
6
7

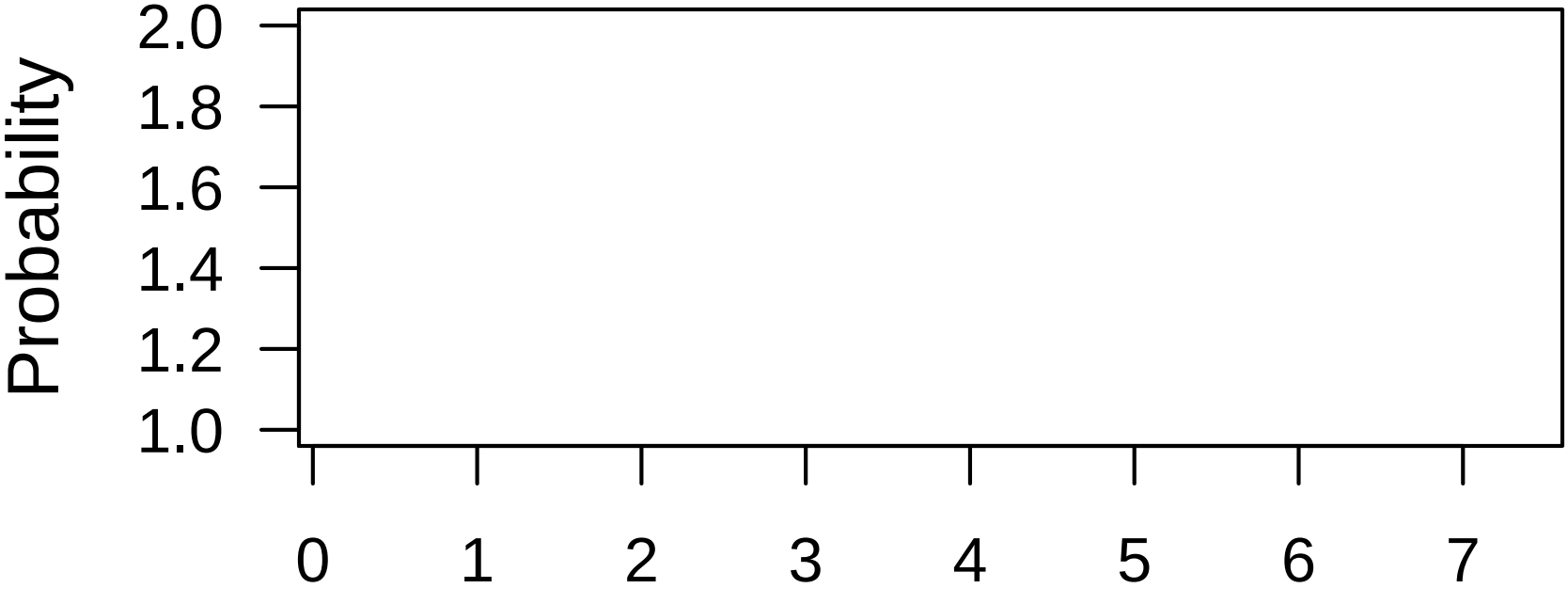

Probability
2.0
1.8
1.6
1.4
1.2
1.0
0
1
2
3
4
5
6
7

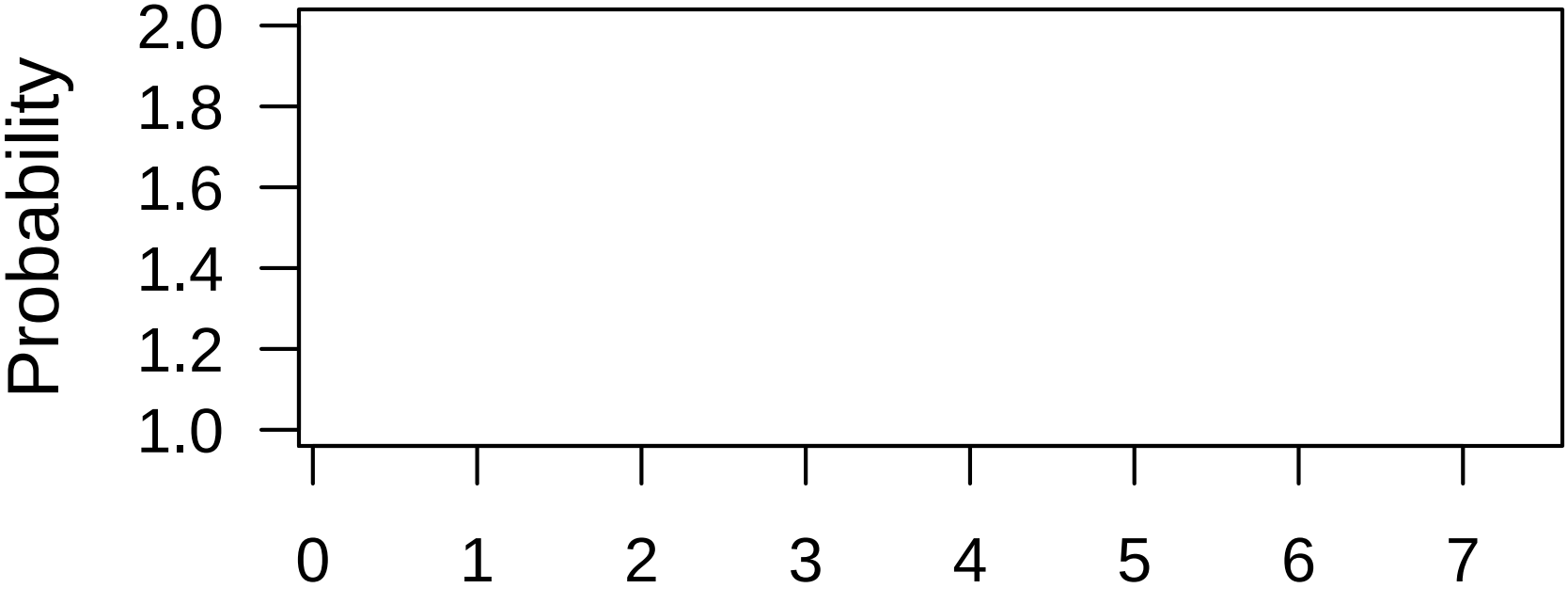

Probability
2.0
1.8
1.6
1.4
1.2
1.0
0
1
2
3
4
5
6
7

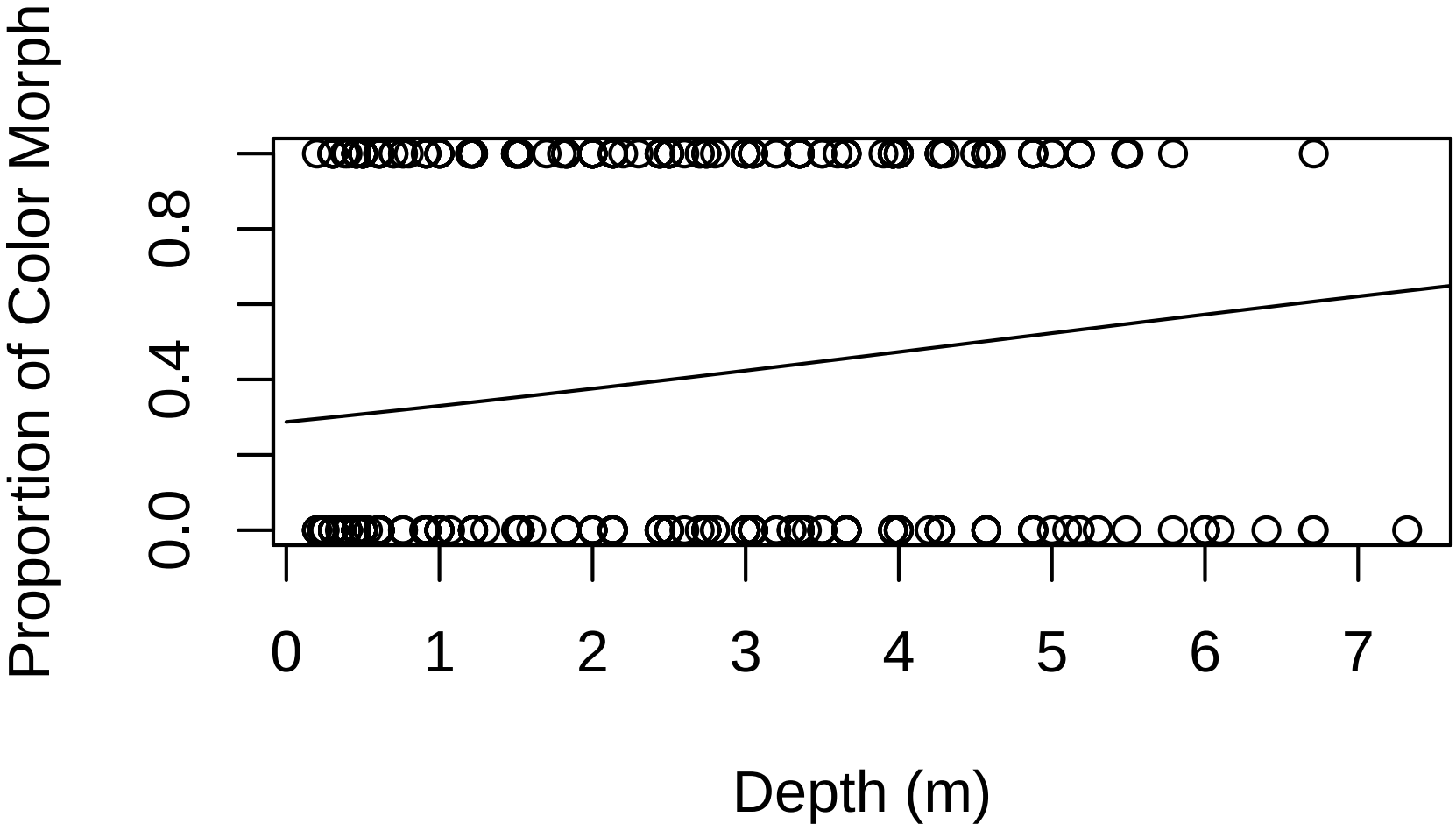

Probability
2.0
1.8
1.6
1.4
1.2
1.0
0
1
2
3
4
5
6
7

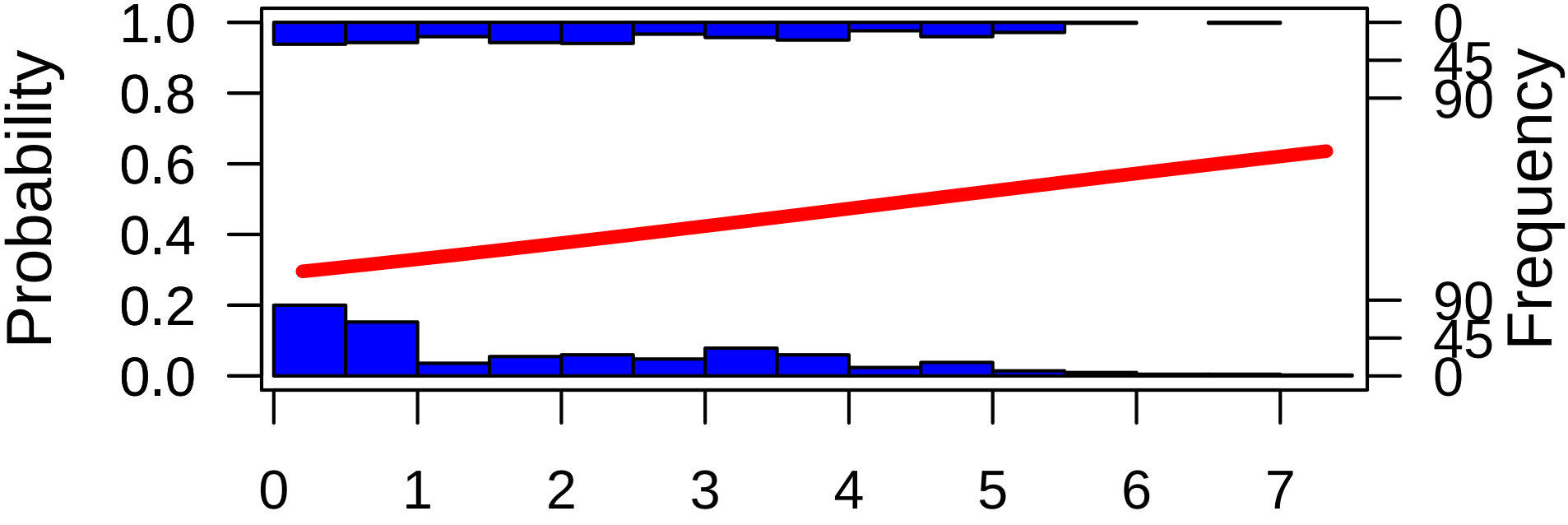

Probability
2.0
1.8
1.6
1.4
1.2
1.0
0
1
2
3
4
5
6
7

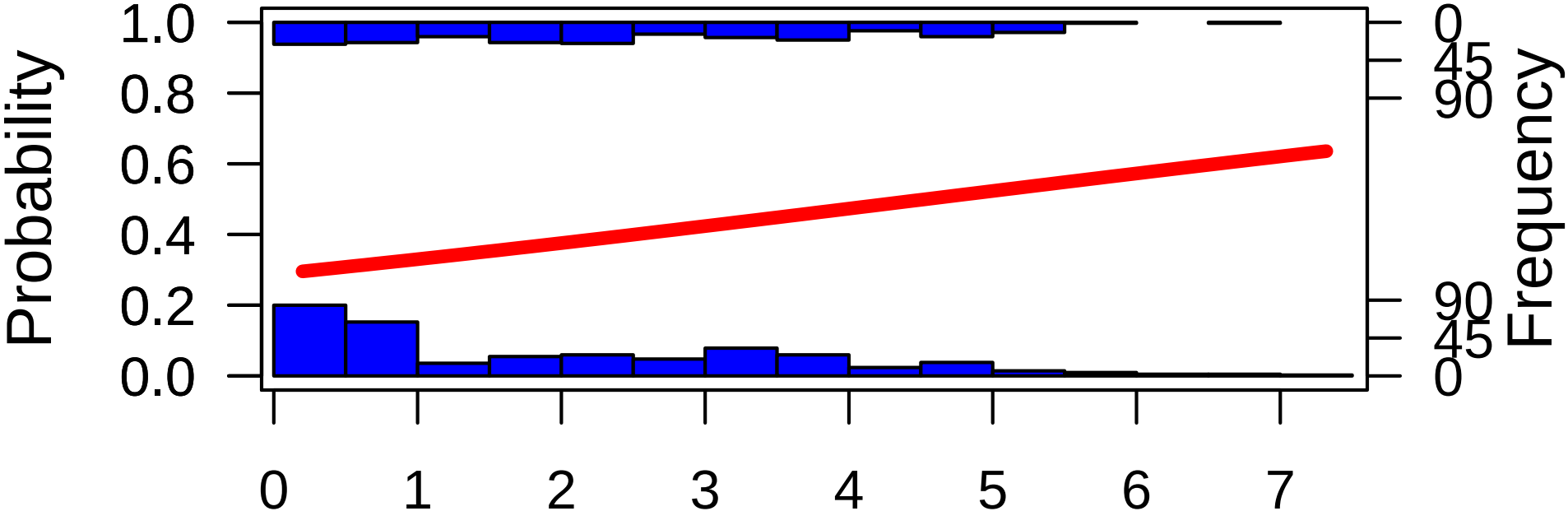

Probability
1.0
0.8
0.6
0.4
0.2
0.0
0
1
2
3
4
5
6
7


Probability
2.0
1.8
1.6
1.4
1.2
1.0
0
1
2
3
4
5
6
7


Probability
2.0
1.8
1.6
1.4
1.2
1.0
0
1
2
3
4
5
6
7


Proportion of Color Morph
0.0
0.4
0.8
0
1
2
3
4
5
6
7
Depth (m)


Probability
1.0
0.8
0.6
0.4
0.2
0.0
0
45
90
90
45
0
Frequency
0
1
2
3
4
5
6
7


Probability
1.0
0.8
0.6
0.4
0.2
0.0
0
45
90
90
45
0
Frequency
0
1
2
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4
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6
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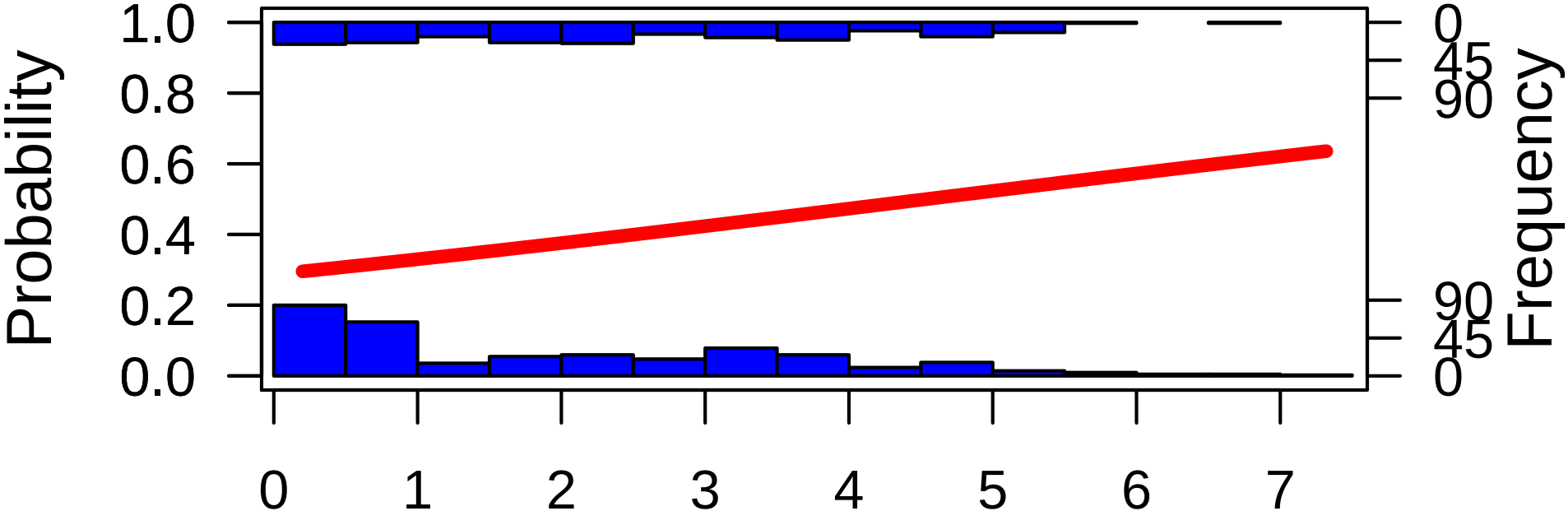
Probability
1.0
0.8
0.6
0.4
0.2
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45
90
90
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Frequency
0
1
2
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4
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6
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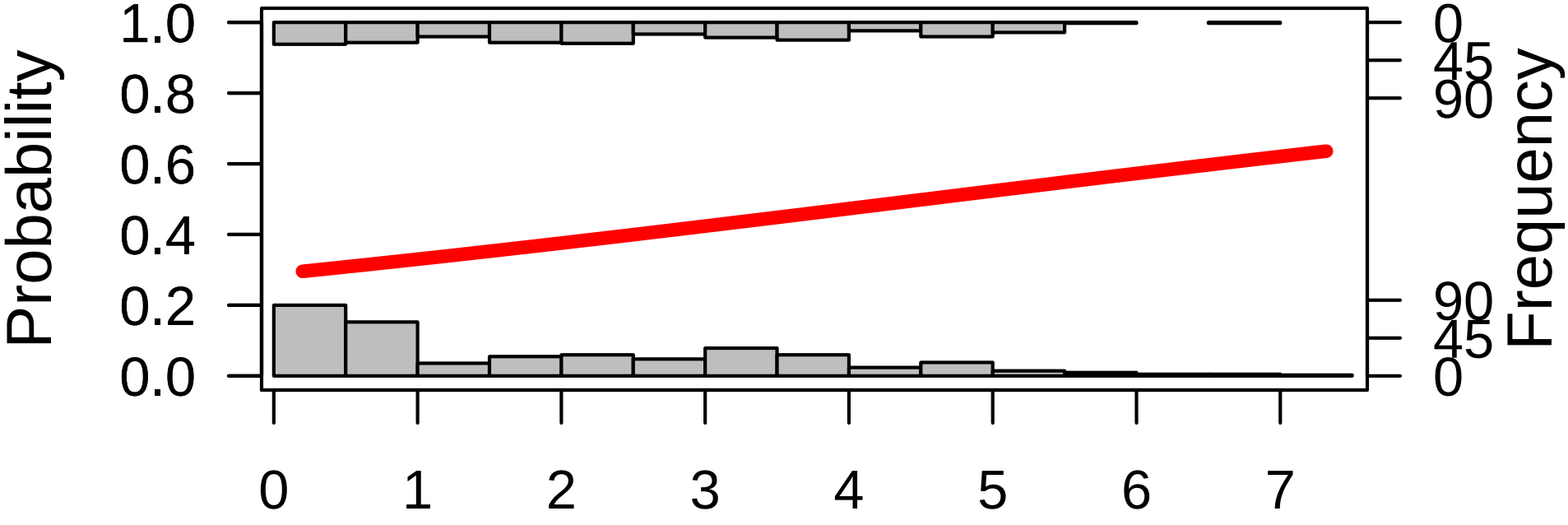
Probability
1.0
0.8
0.6
0.4
0.2
0.0
0
45
90
90
45
0
Frequency
0
1
2
3
4
5
6
7