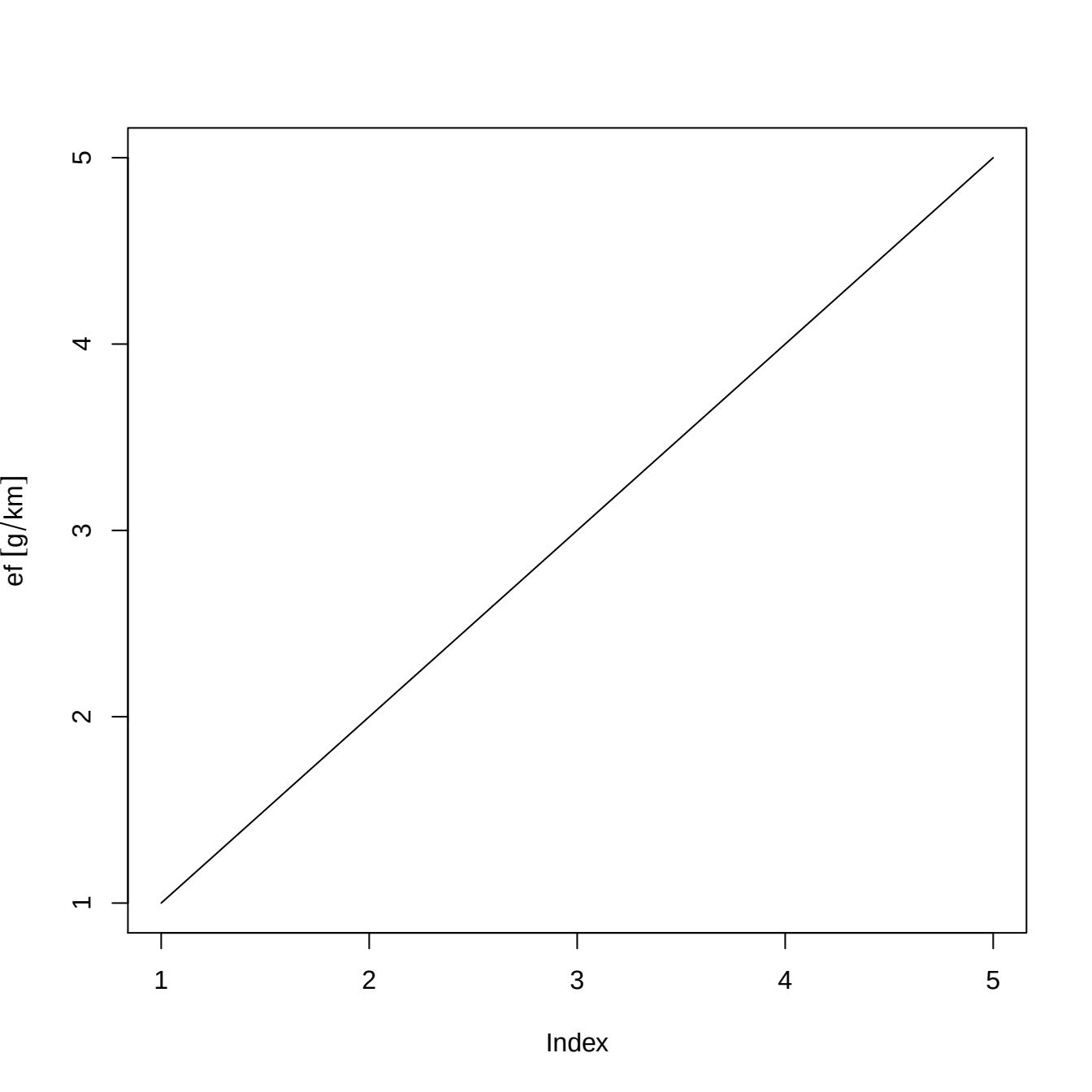
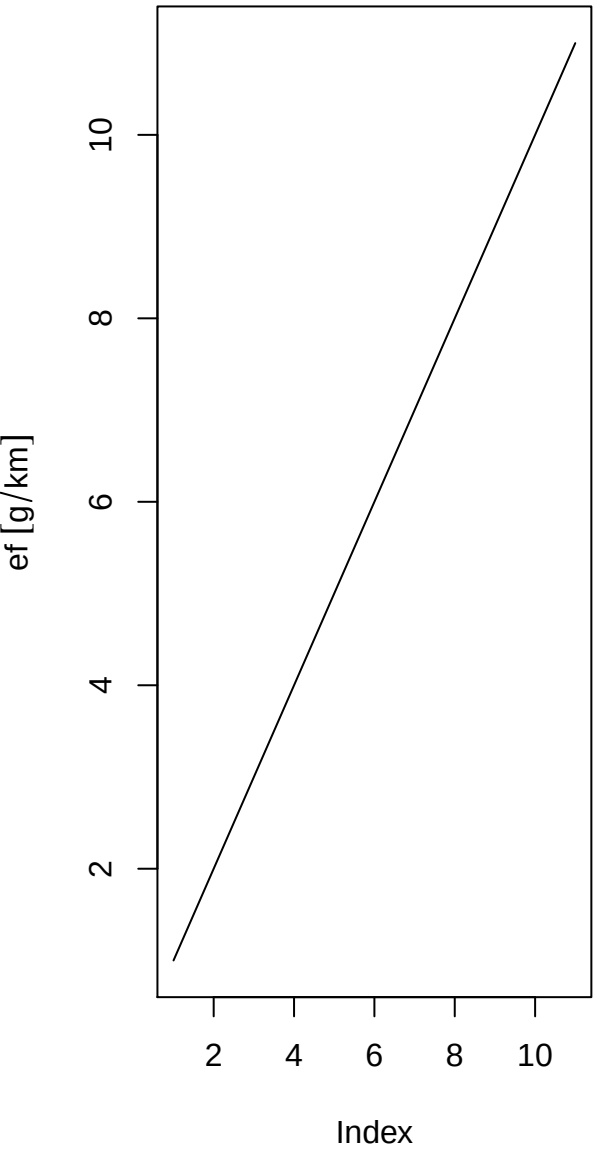
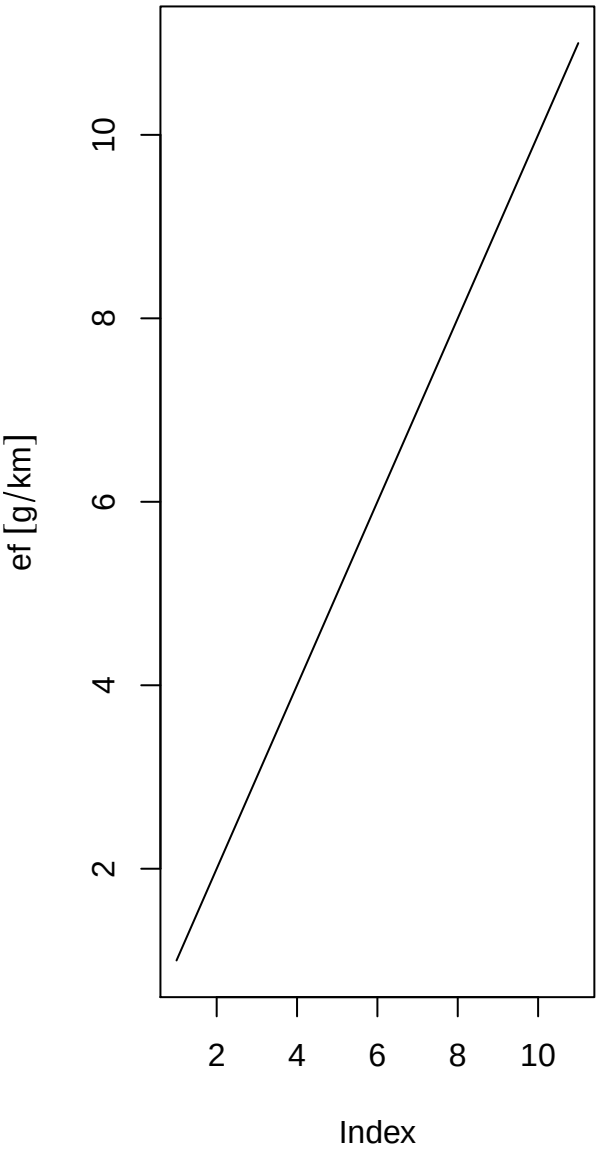
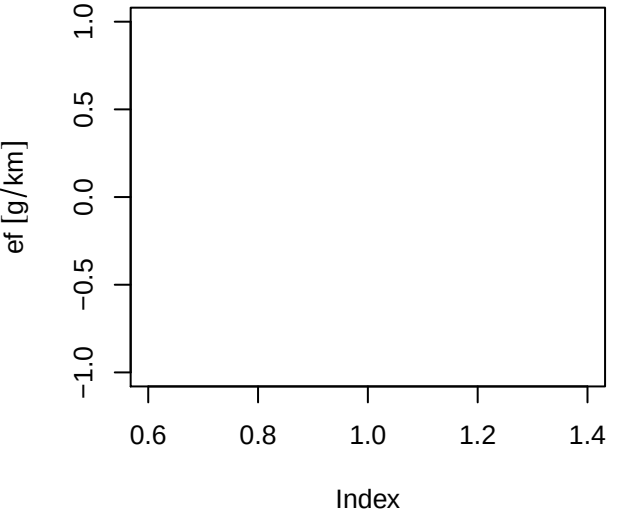
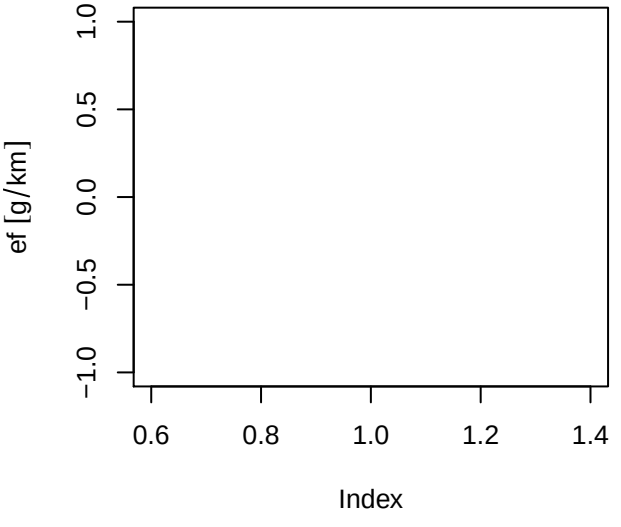

ef [g/km]
1
2
3
4
5
Index
1
2
3
4
5


ef [g/km]
2
4
6
8
10
2
4
6
8
10
Index


ef [g/km]
2
4
6
8
10
2
4
6
8
10
Index


ef [g/km]
1.0
0.5
0.0
−0.5
−1.0
0.6
0.8
1.0
1.2
1.4
Index


ef [g/km]
1.0
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0.0
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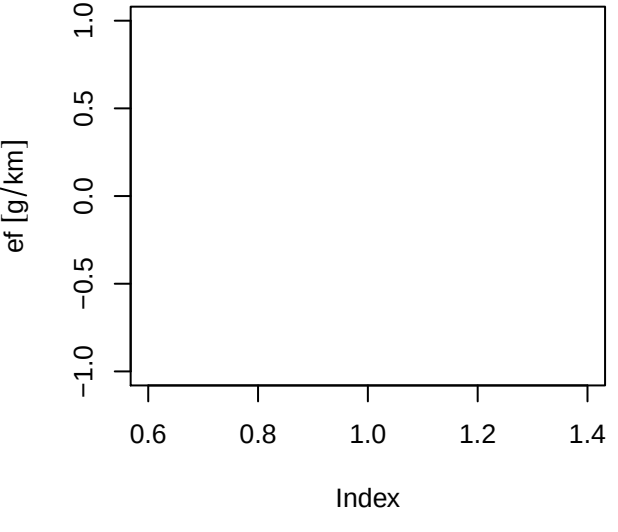
−1.0
0.6
0.8
1.0
1.2
1.4
Index


ef [g/km]
1.0
0.5
0.0
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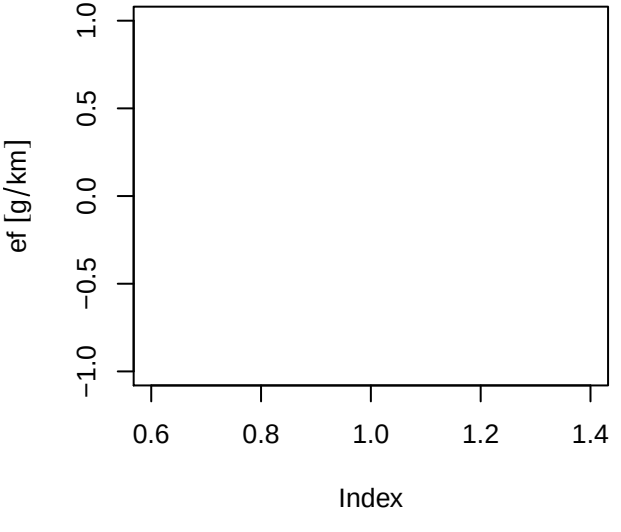
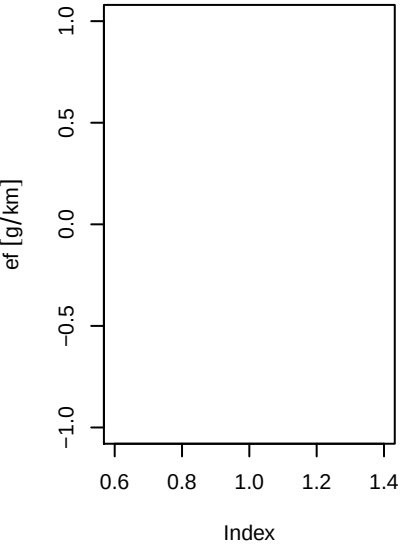
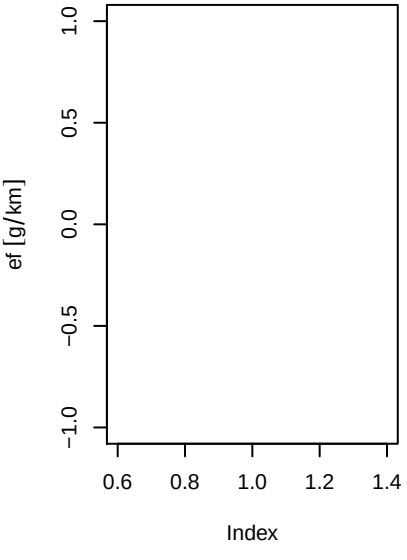
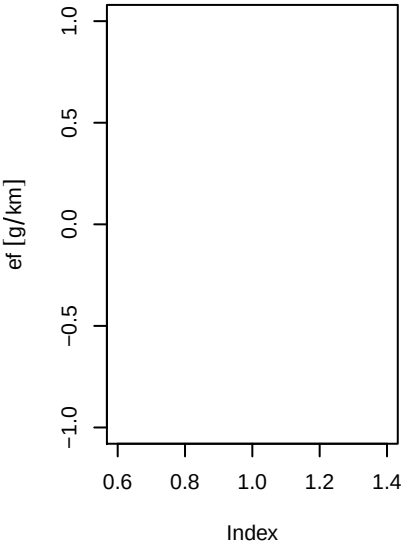
−1.0
0.6
0.8
1.0
1.2
1.4
Index


ef [g/km]
1.0
0.5
0.0
−0.5
−1.0
0.6
0.8
1.0
1.2
1.4
Index


ef [g/km]
1.0
0.5
0.0
−0.5
−1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
1.0
0.5
0.0
−0.5
−1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
1.0
0.5
0.0
−0.5
−1.0
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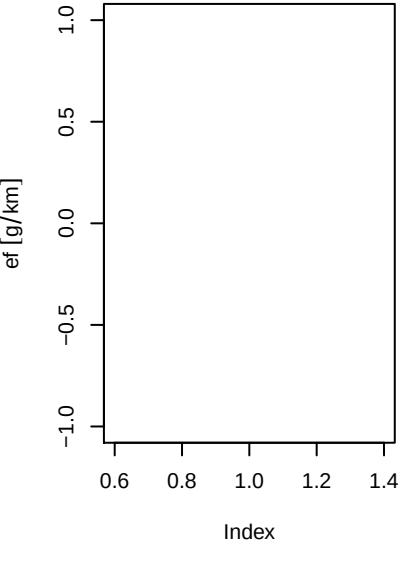
0.8
1.0
1.2
1.4
Index

ef [g/km]
1.0
0.5
0.0
−0.5
−1.0
0.6
0.8
1.0
1.2
1.4
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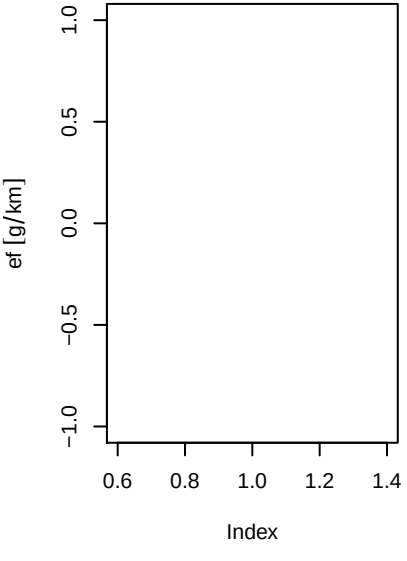
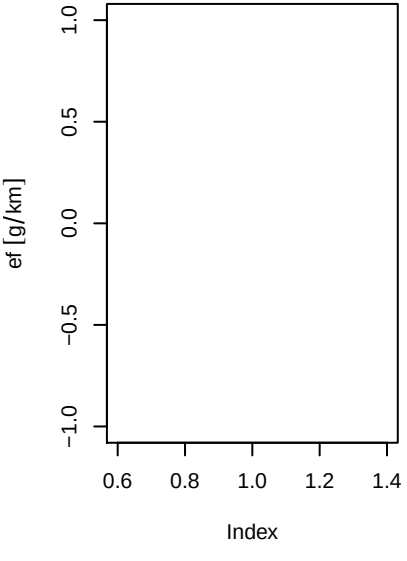

ef [g/km]
1.0
0.5
0.0
−0.5
−1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
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0.5
0.0
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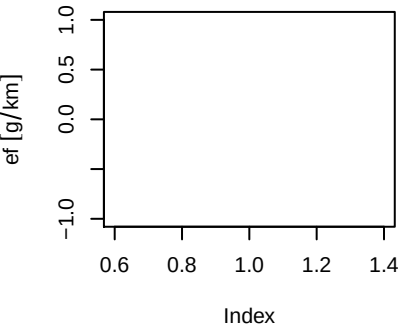
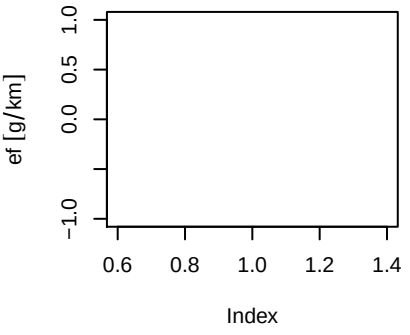
−1.0
0.6
0.8
1.0
1.2
1.4
Index


ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
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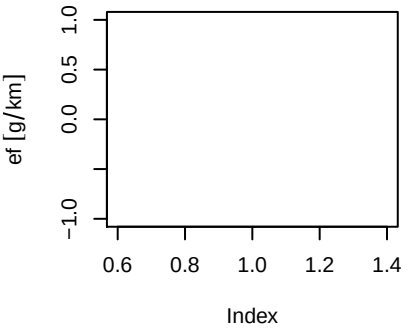
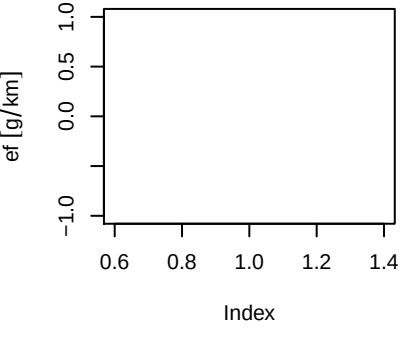
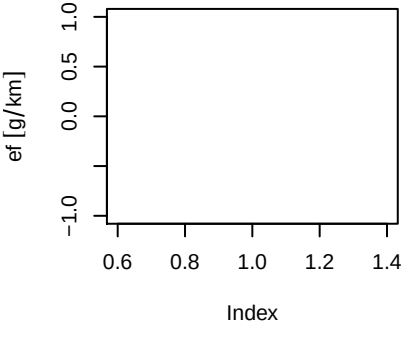
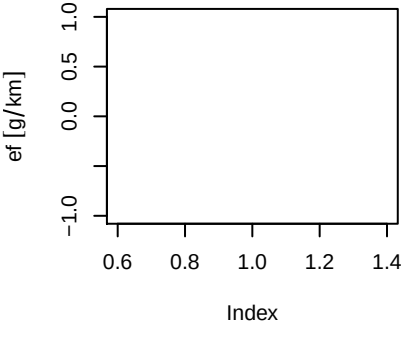
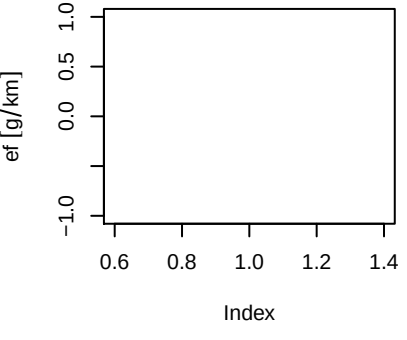
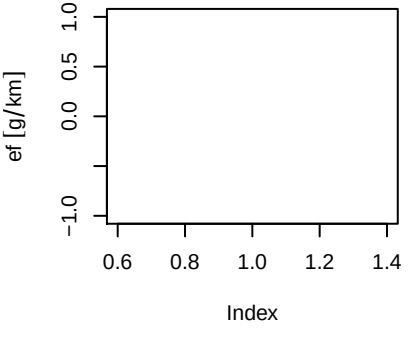
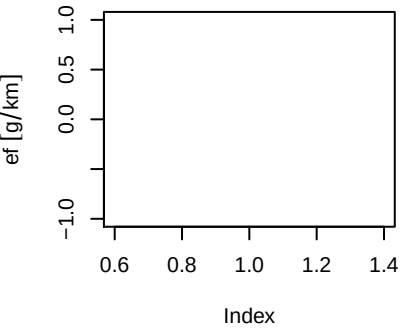
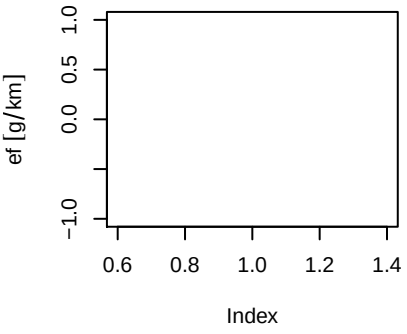
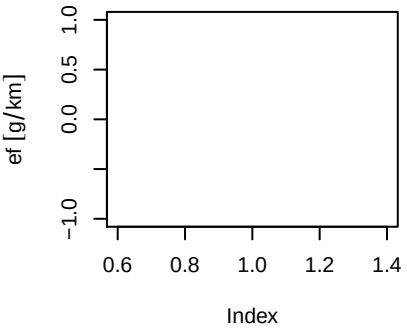
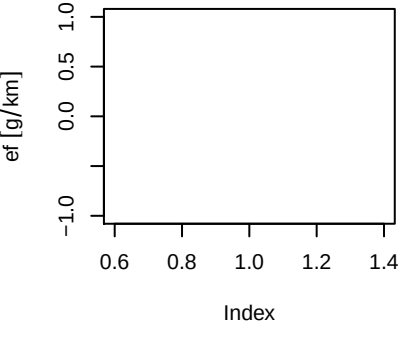
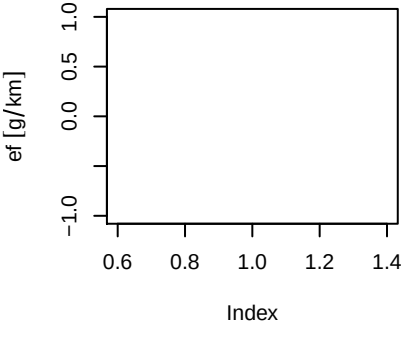
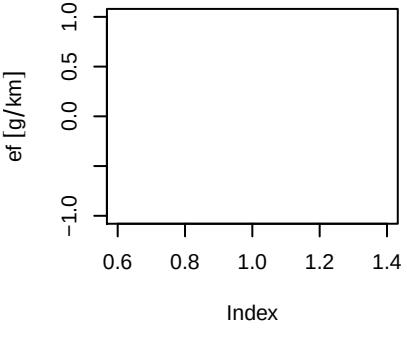
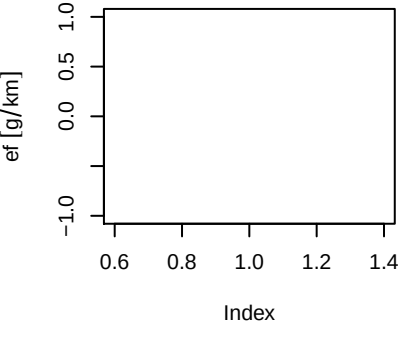
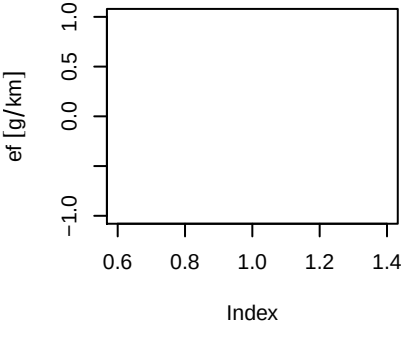
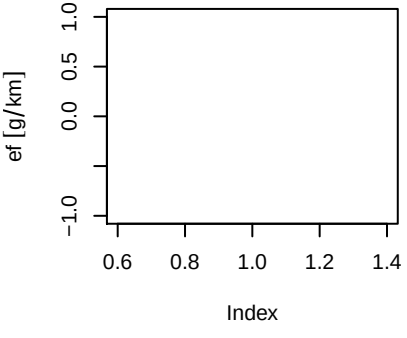
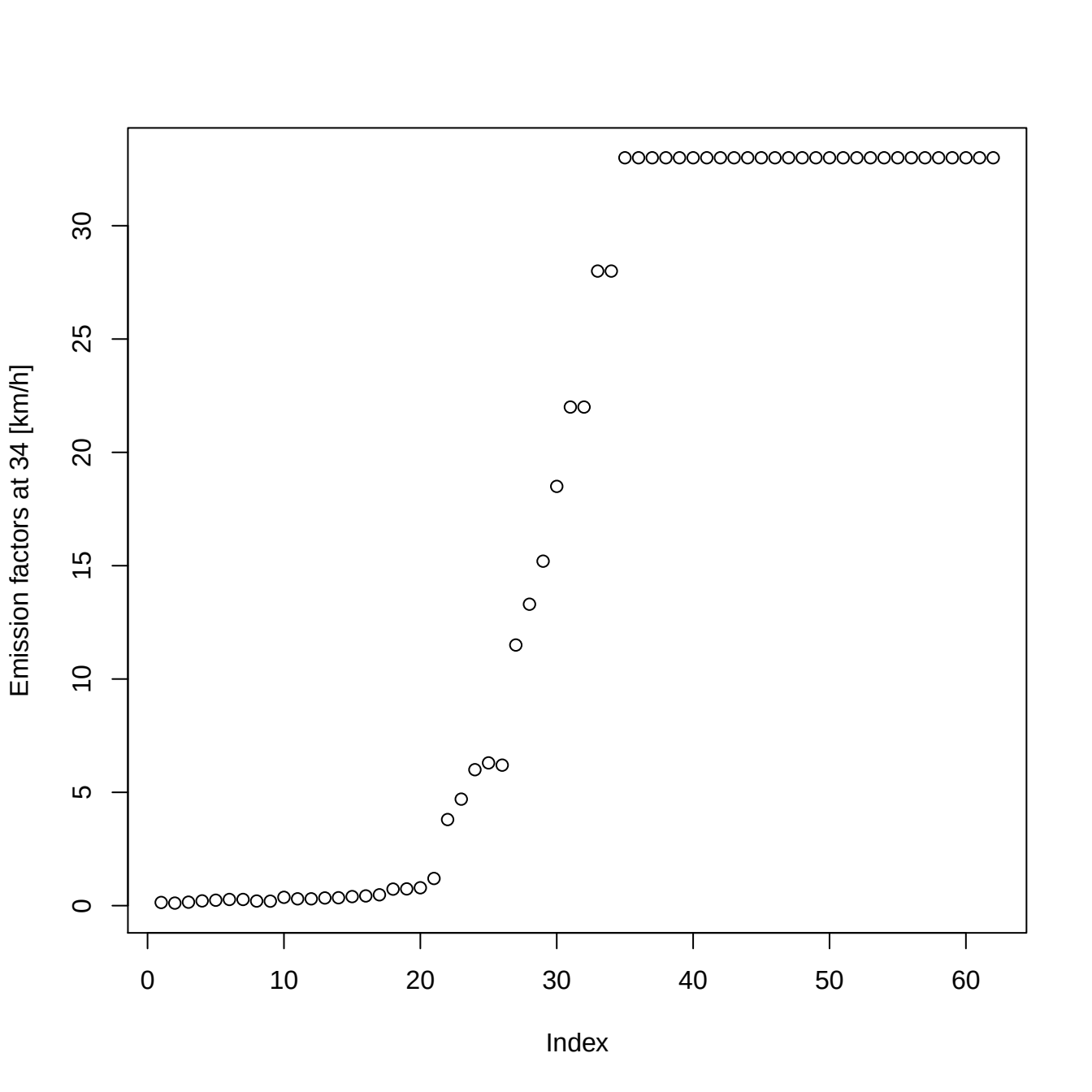
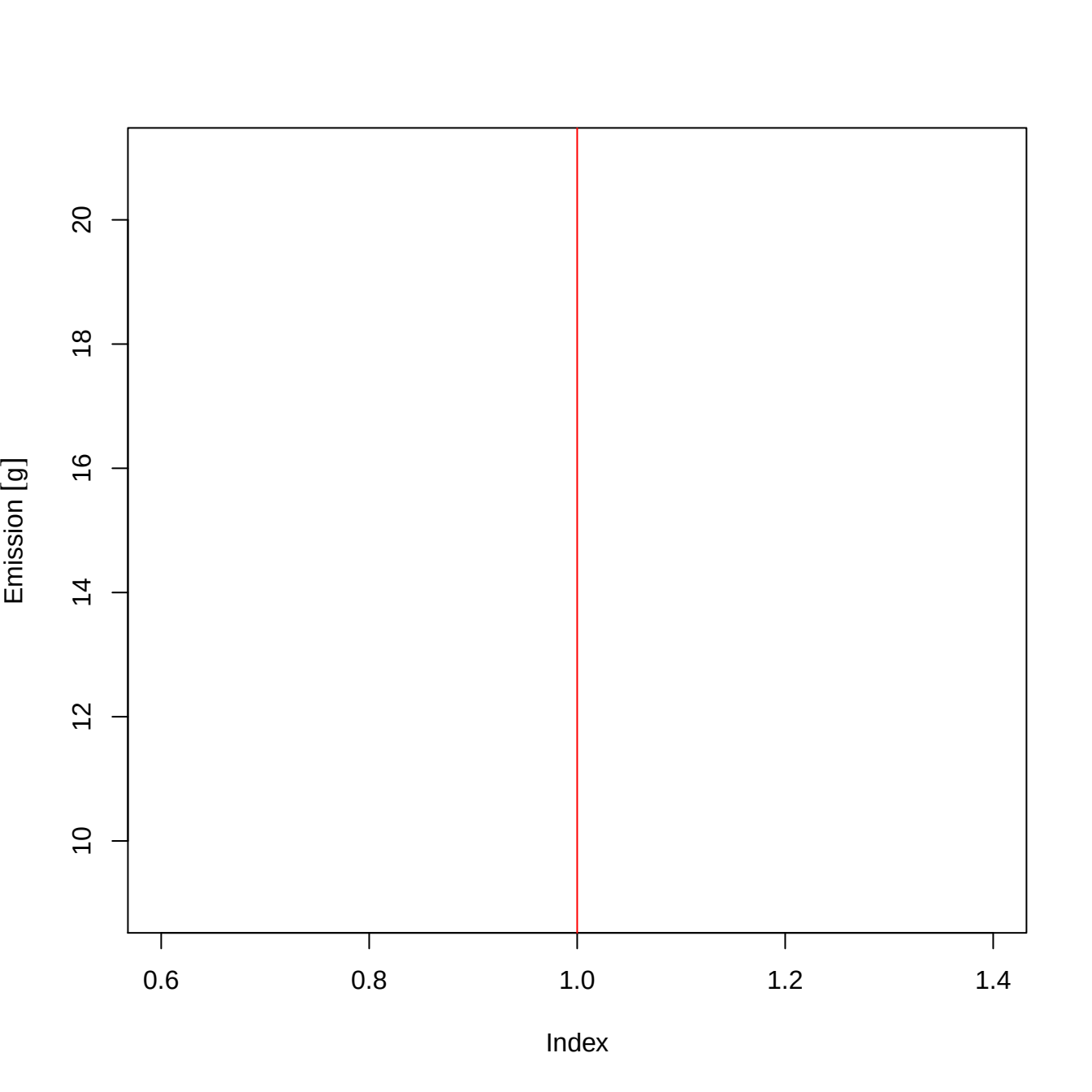
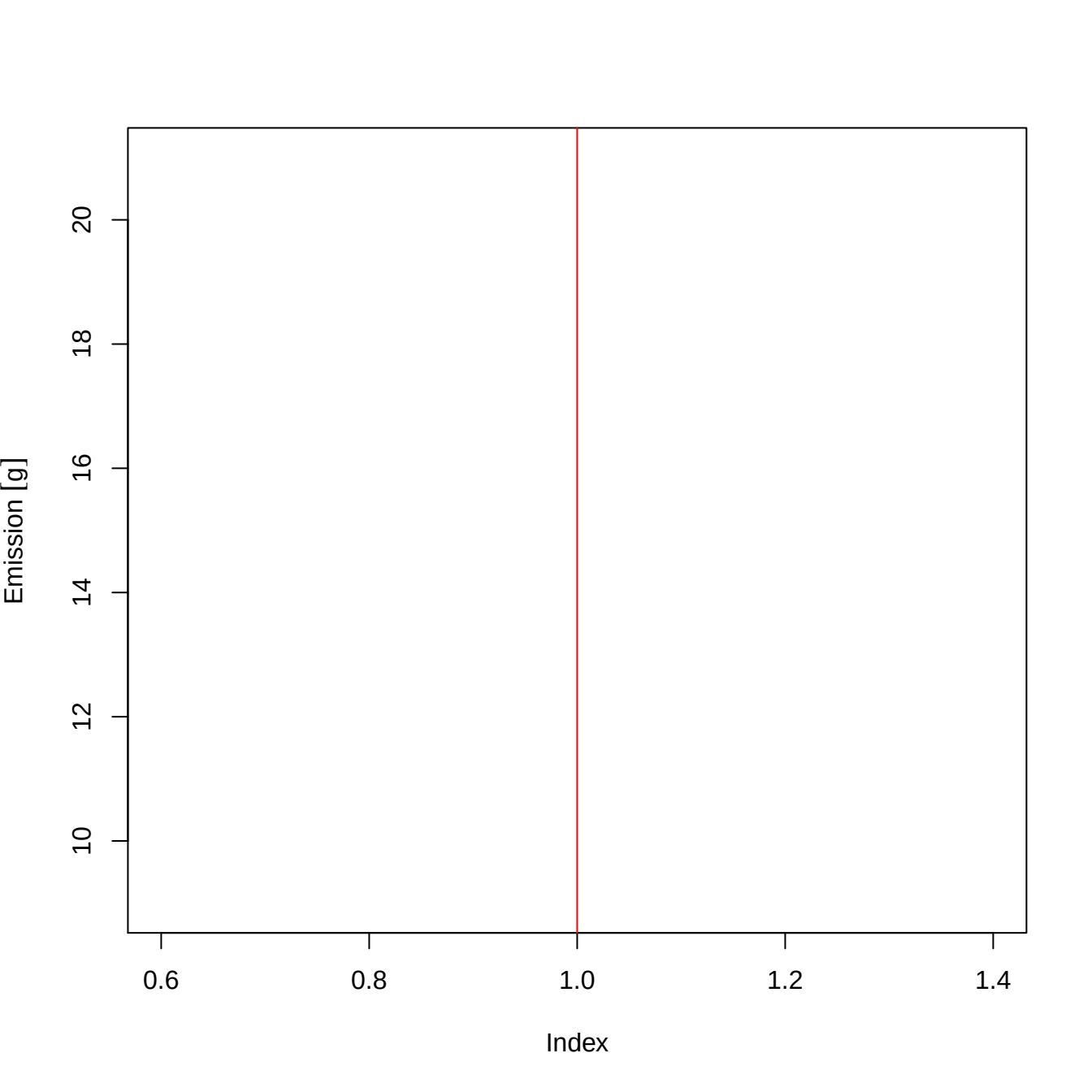
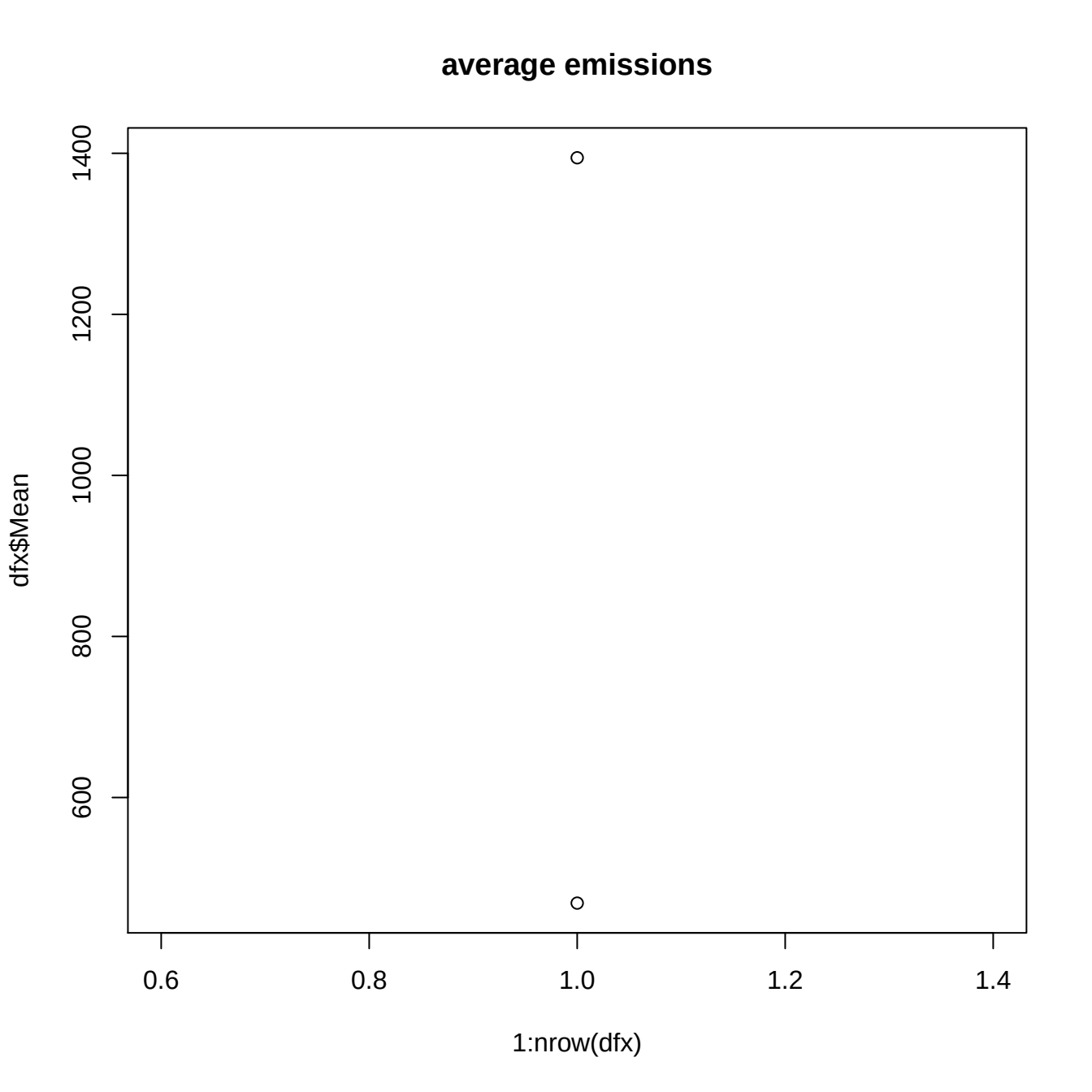
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

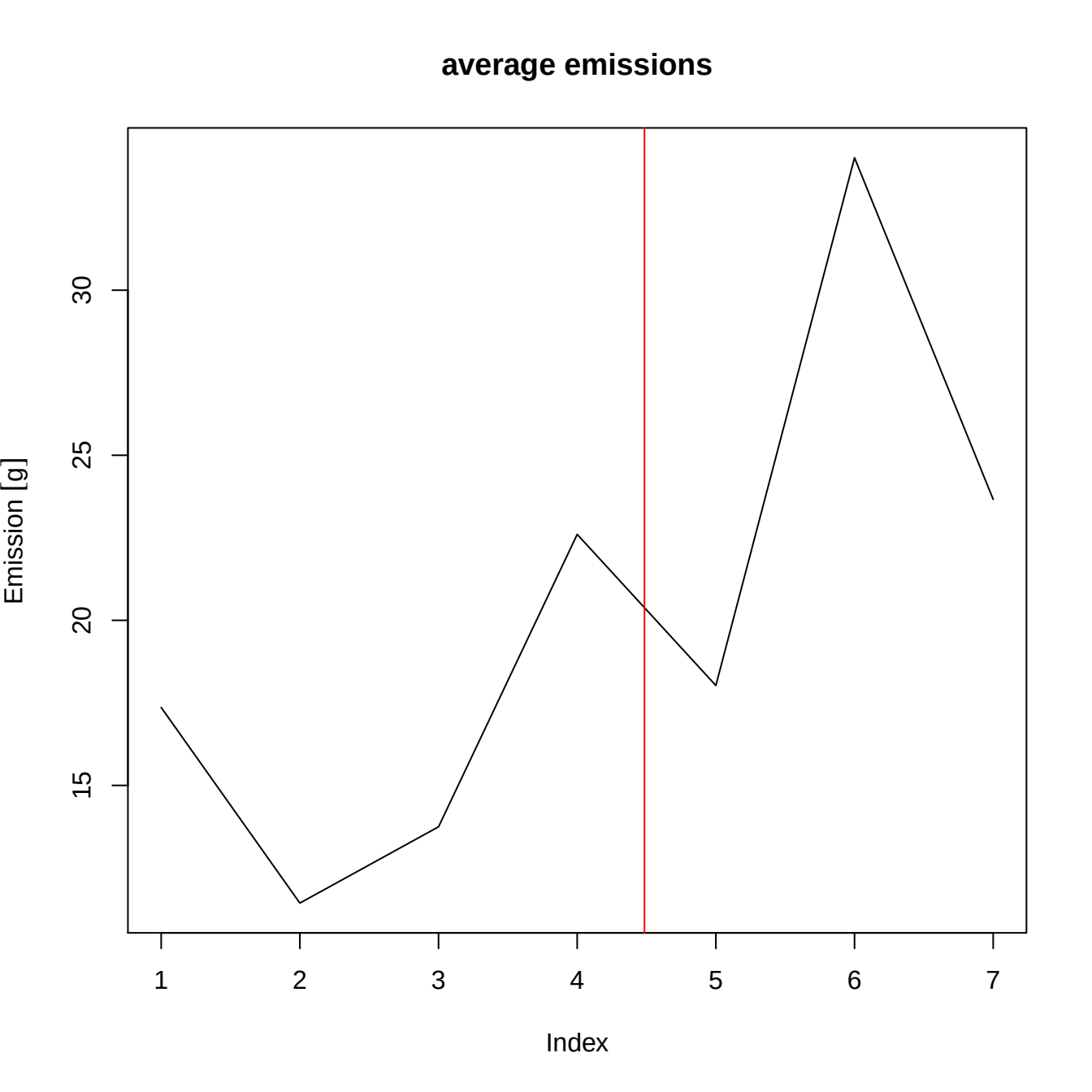

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

ef [g/km]
−1.0
0.0
0.5
1.0
0.6
0.8
1.0
1.2
1.4
Index

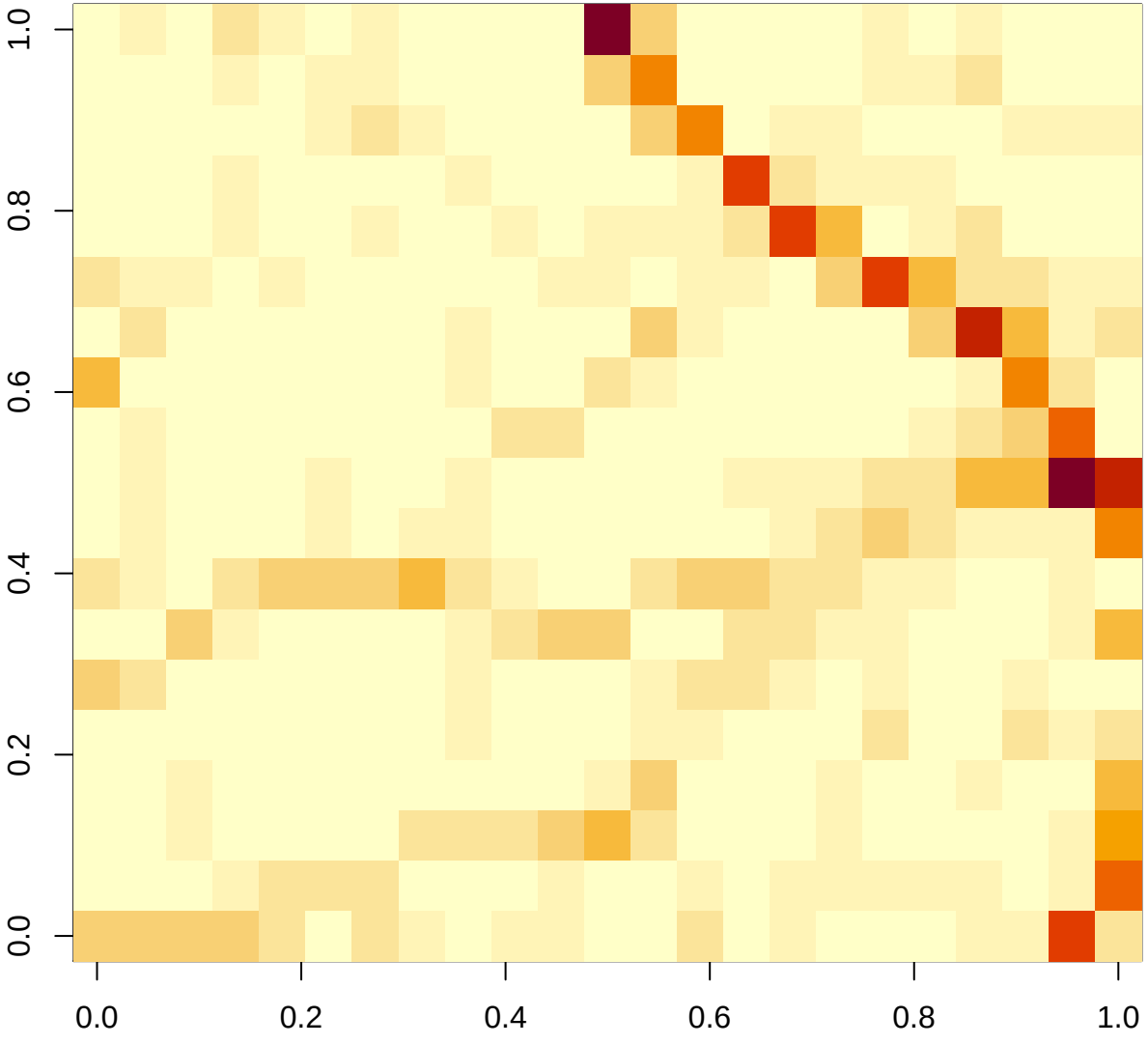

Emission factors at 34 [km/h]
0
5
10
15
20
25
30
0
10
20
30
40
50
60
Index

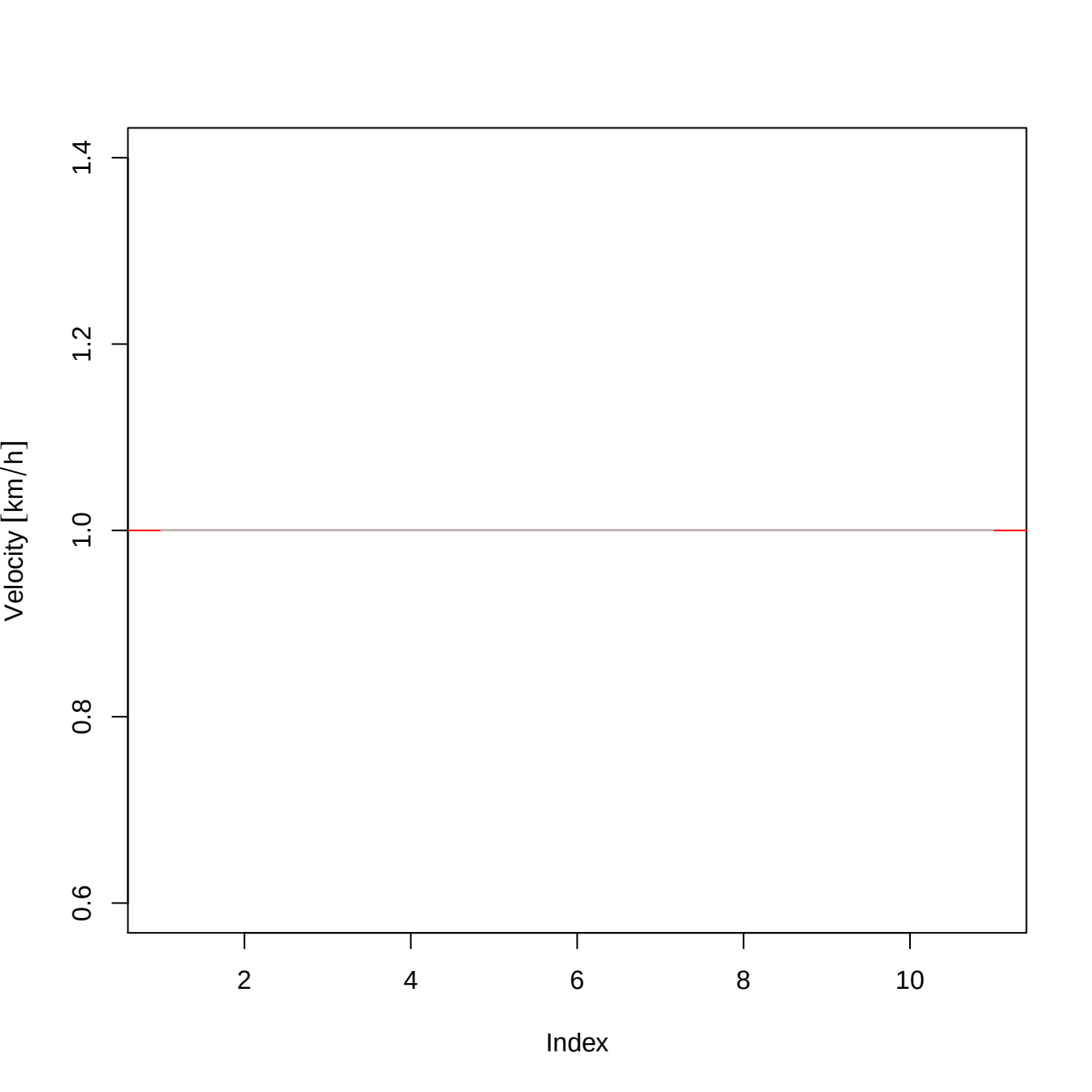

Emission [g]
10
12
14
16
18
20
0.6
0.8
1.0
1.2
1.4
Index

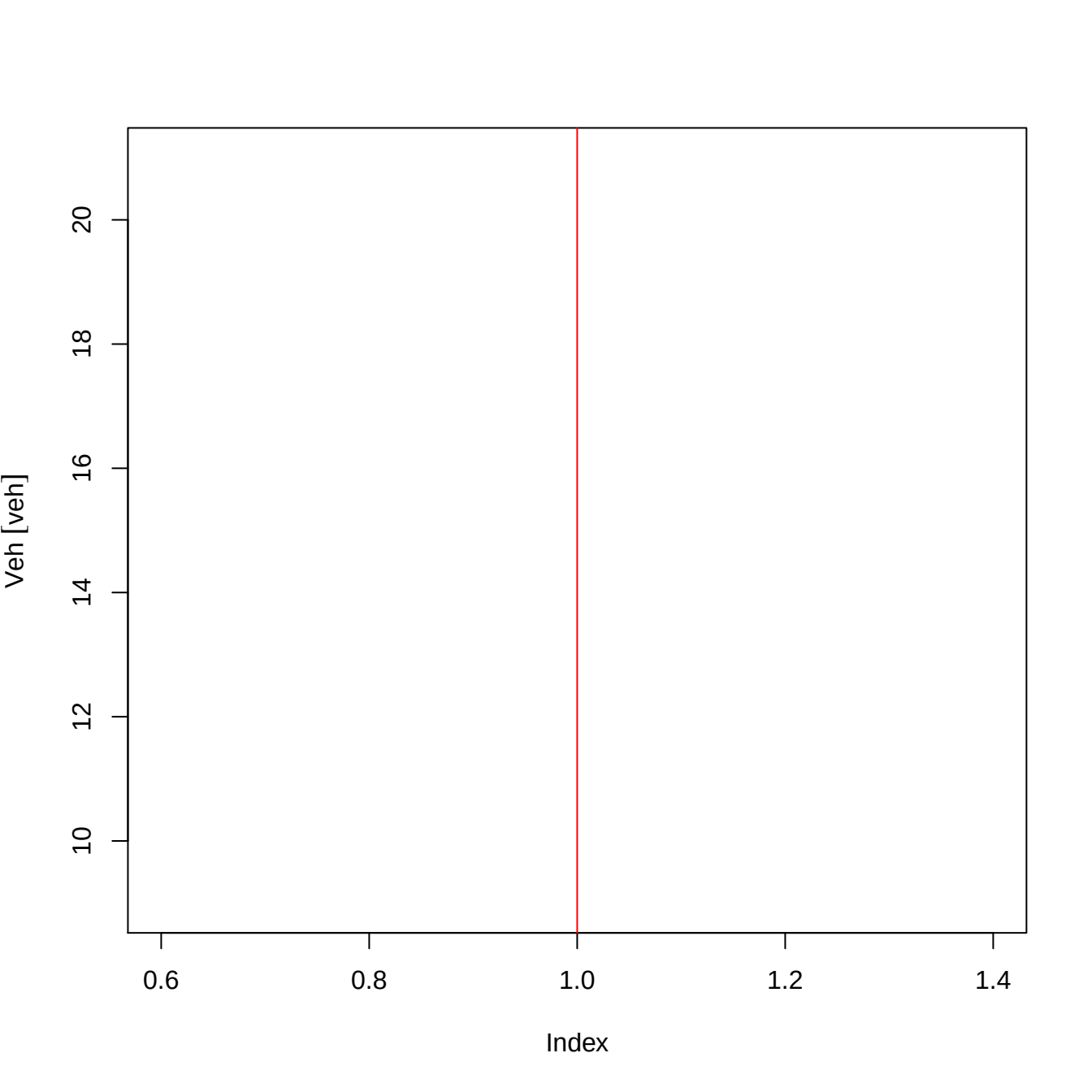

Emission [g]
10
12
14
16
18
20
0.6
0.8
1.0
1.2
1.4
Index

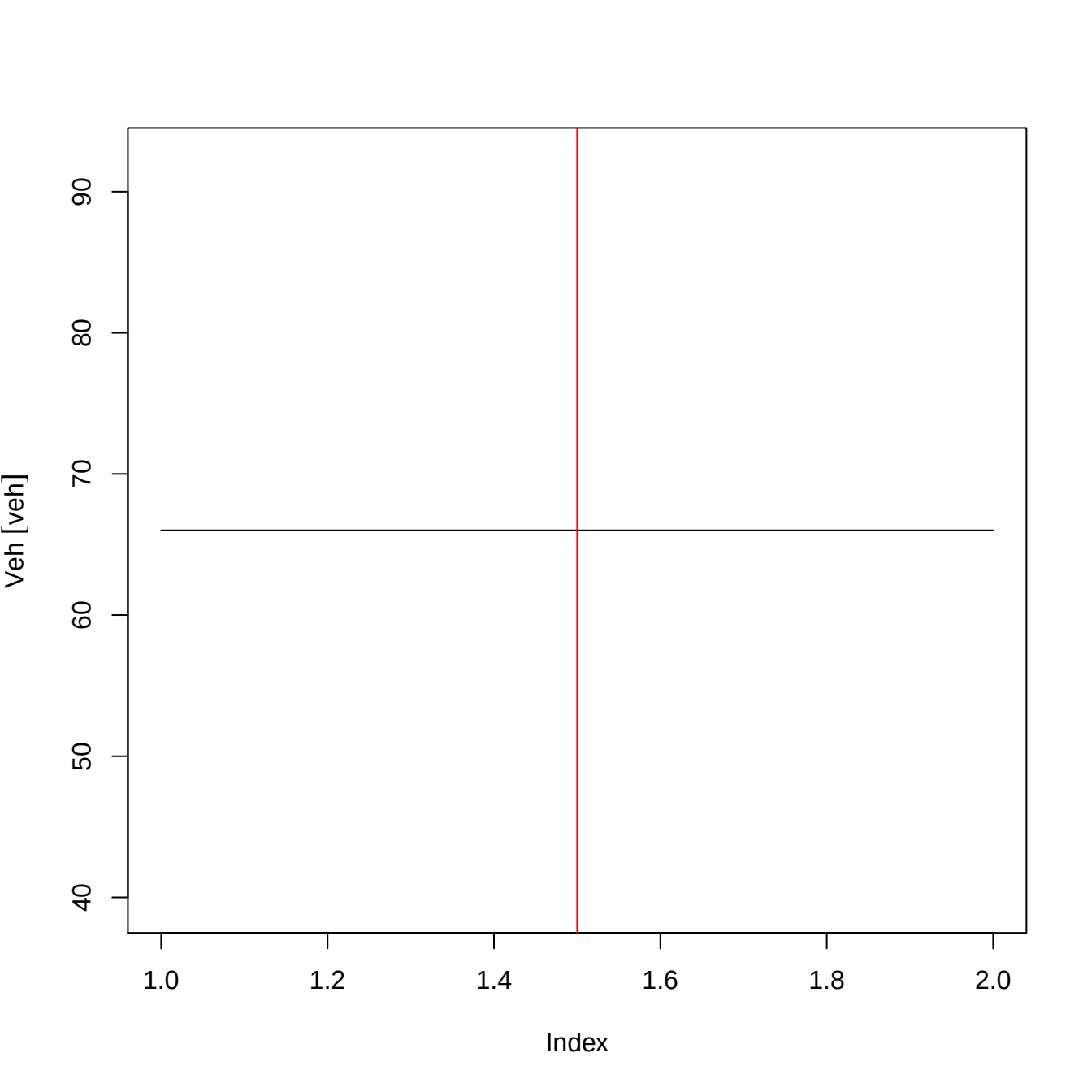

average emissions
dfx$Mean
1400
1200
1000
800
600
0.6
0.8
1.0
1.2
1.4
1:nrow(dfx)

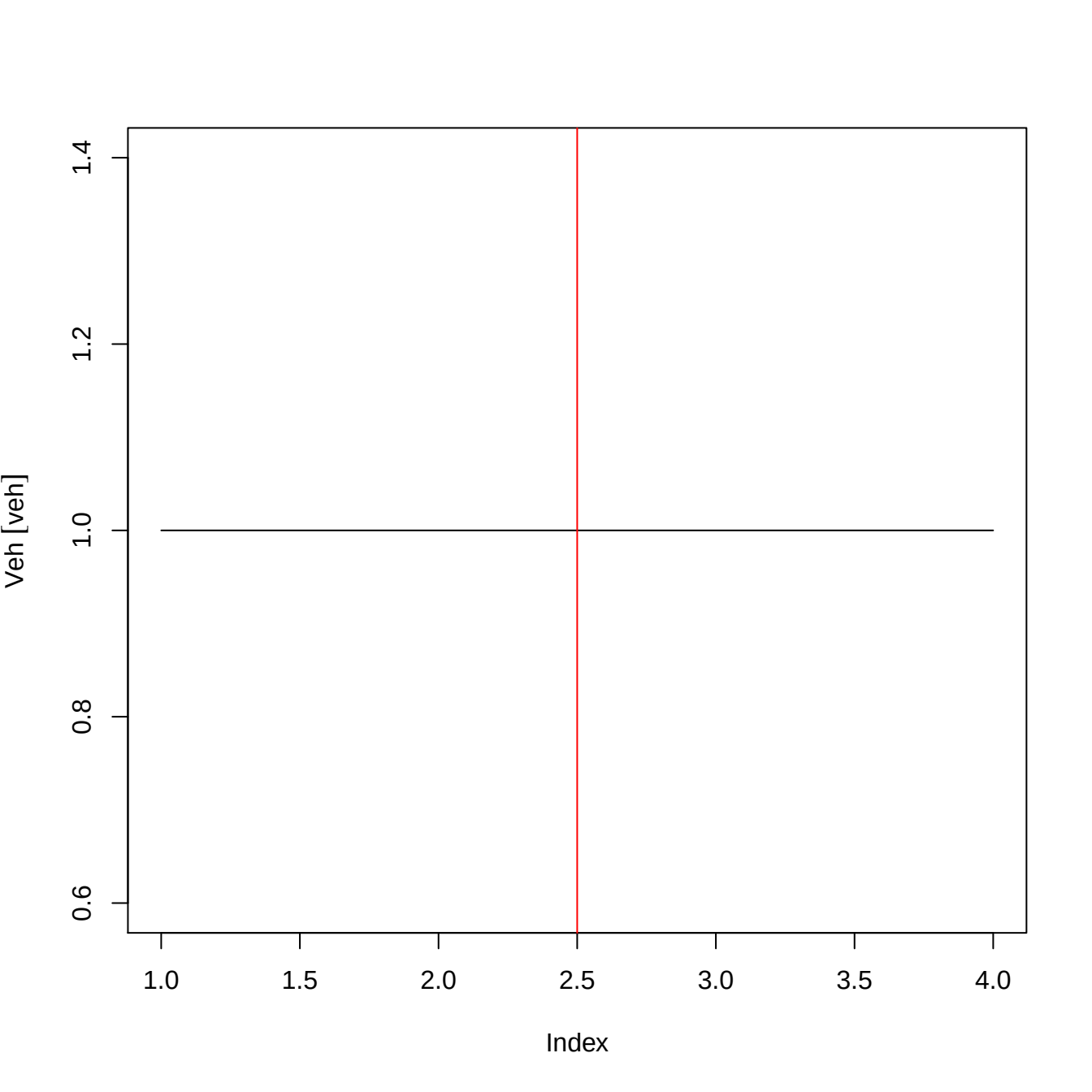

average emissions
Emission [g]
15
20
25
30
1
2
3
4
5
6
7
Index

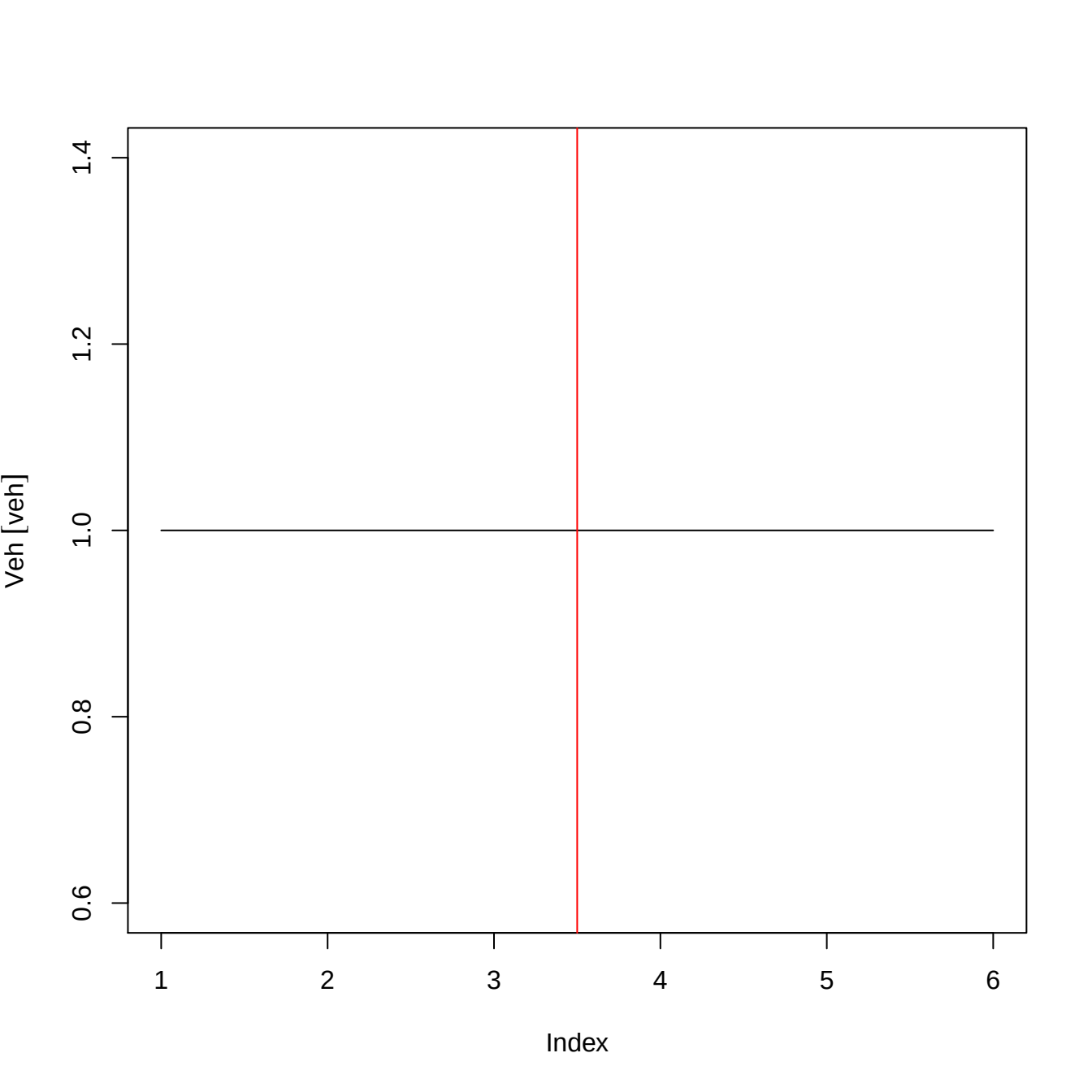

1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

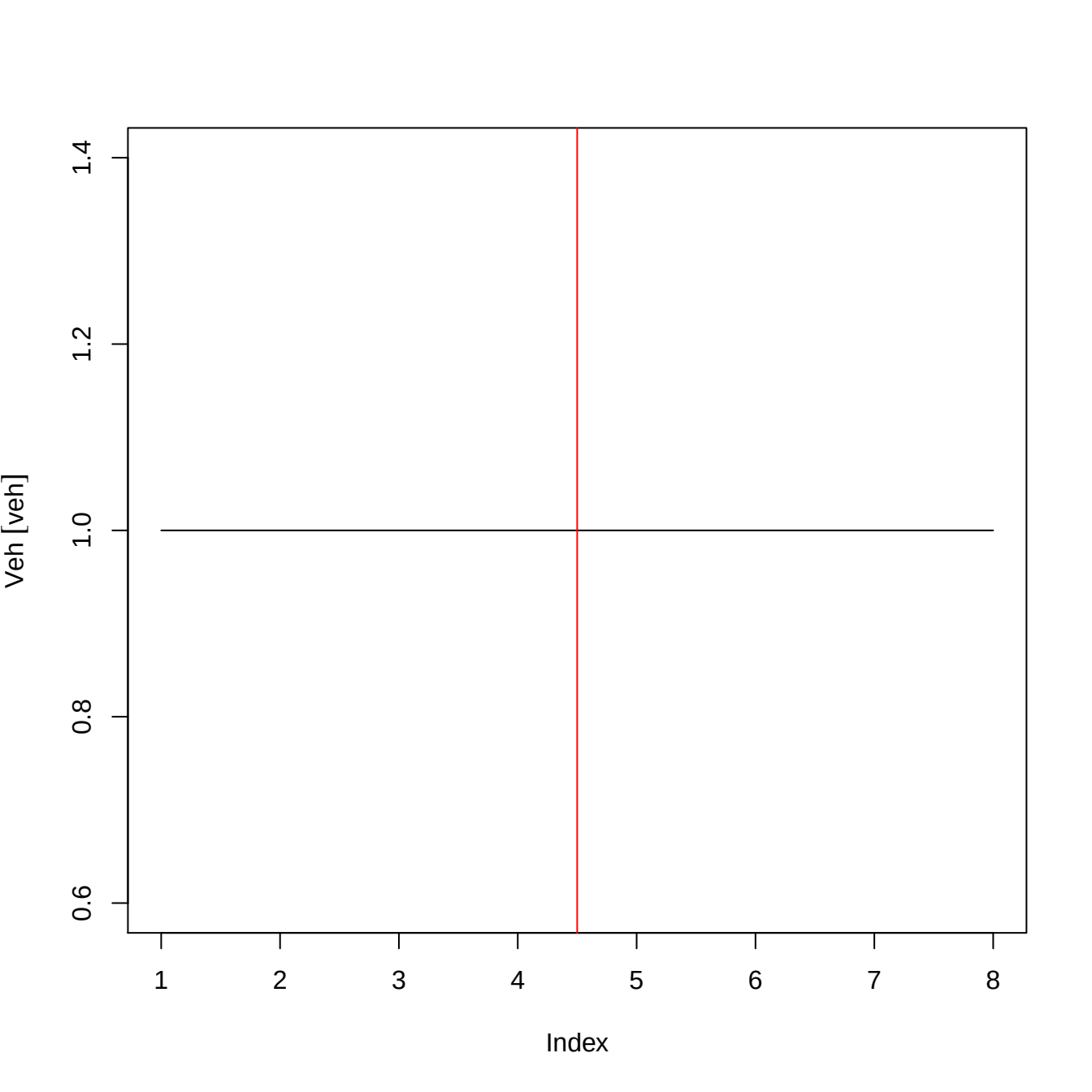

Velocity [km/h]
0.6
0.8
1.0
1.2
1.4
2
4
6
8
10
Index


Veh [veh]
10
12
14
16
18
20
0.6
0.8
1.0
1.2
1.4
Index


Veh [veh]
90
80
70
60
50
40
1.0
1.2
1.4
1.6
1.8
2.0
Index


Veh [veh]
0.6
0.8
1.0
1.2
1.4
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Index


Veh [veh]
0.6
0.8
1.0
1.2
1.4
1
2
3
4
5
6
Index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1.2
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1
2
3
4
5
6
7
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