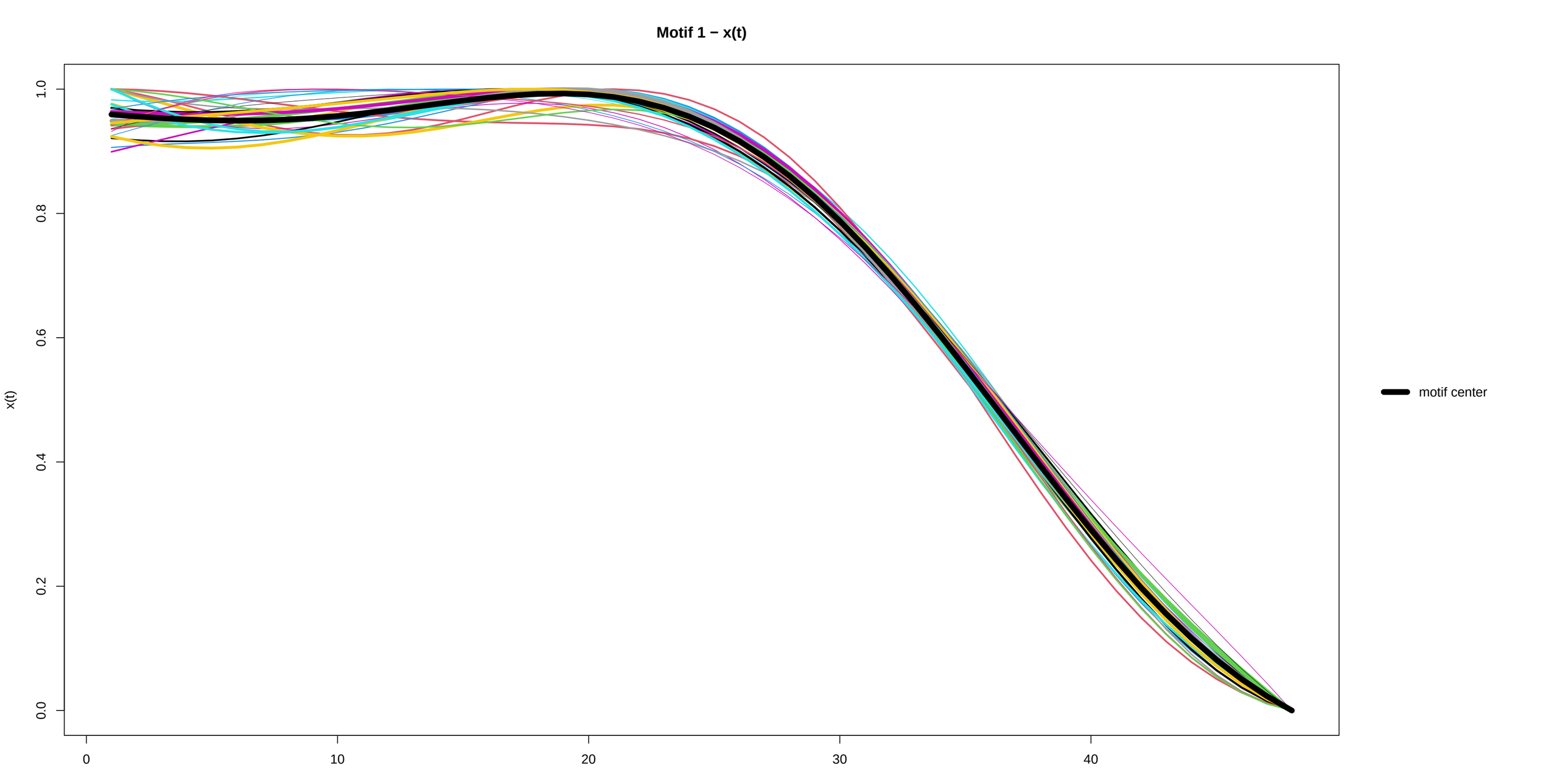
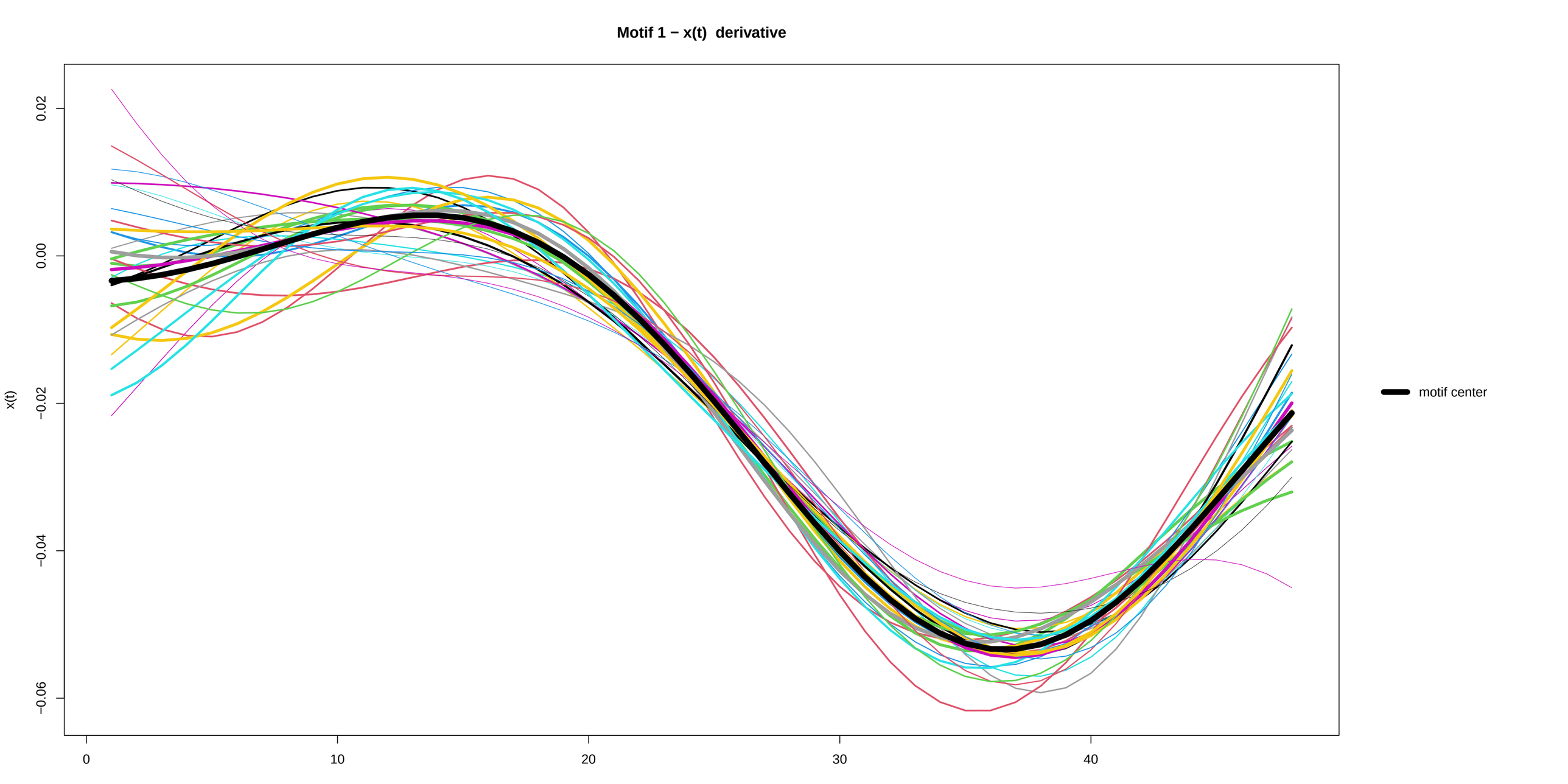
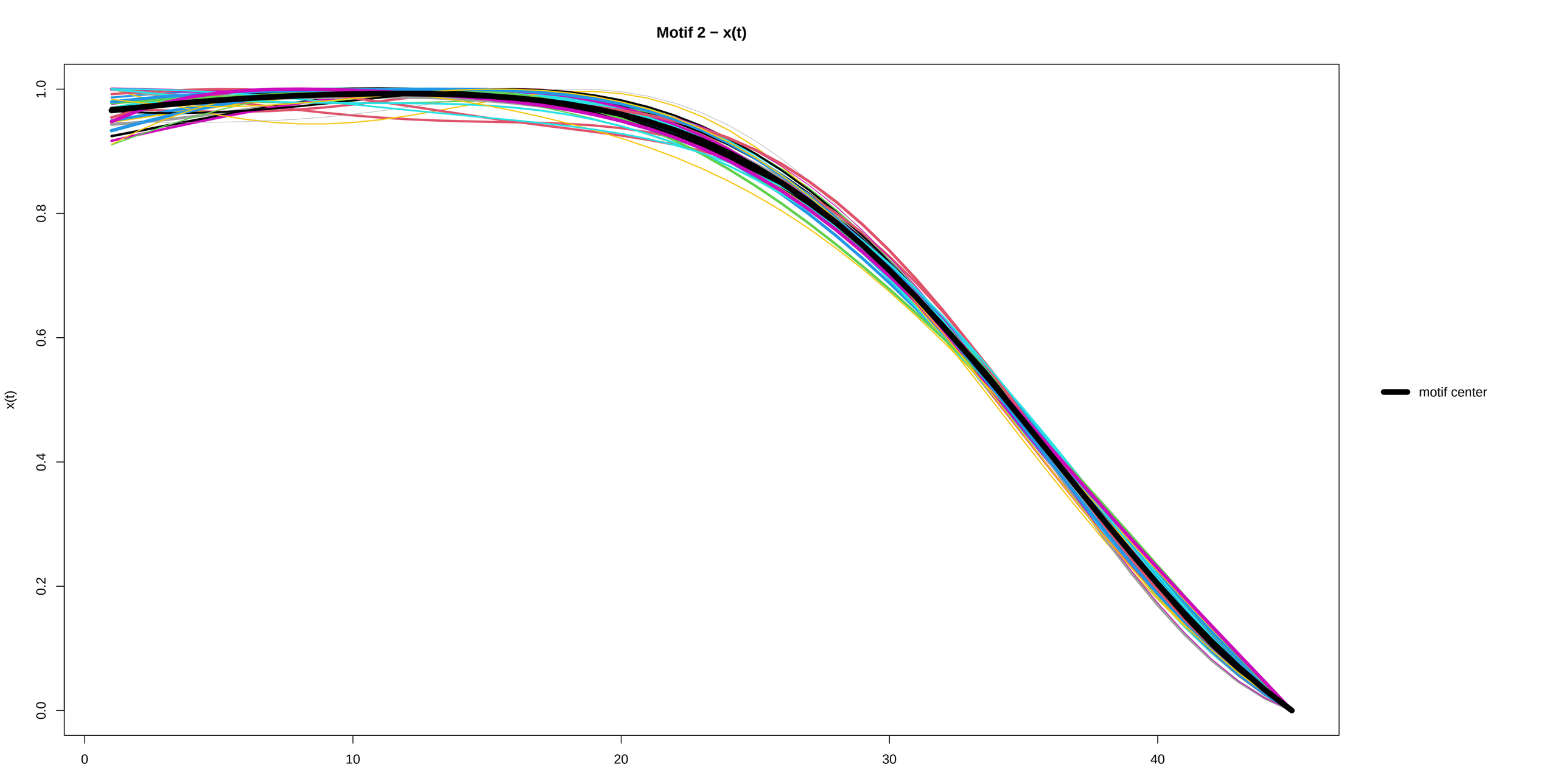
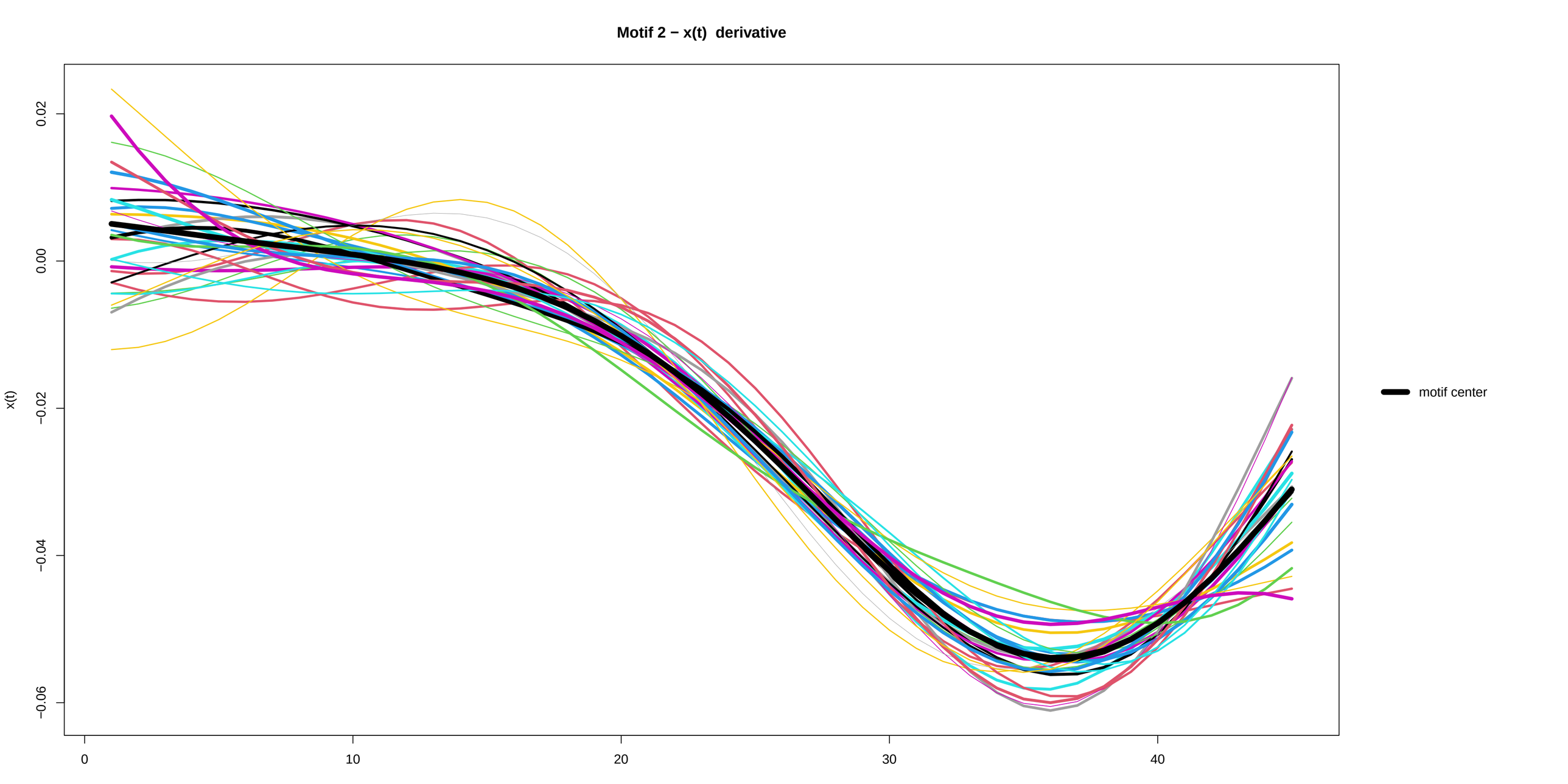
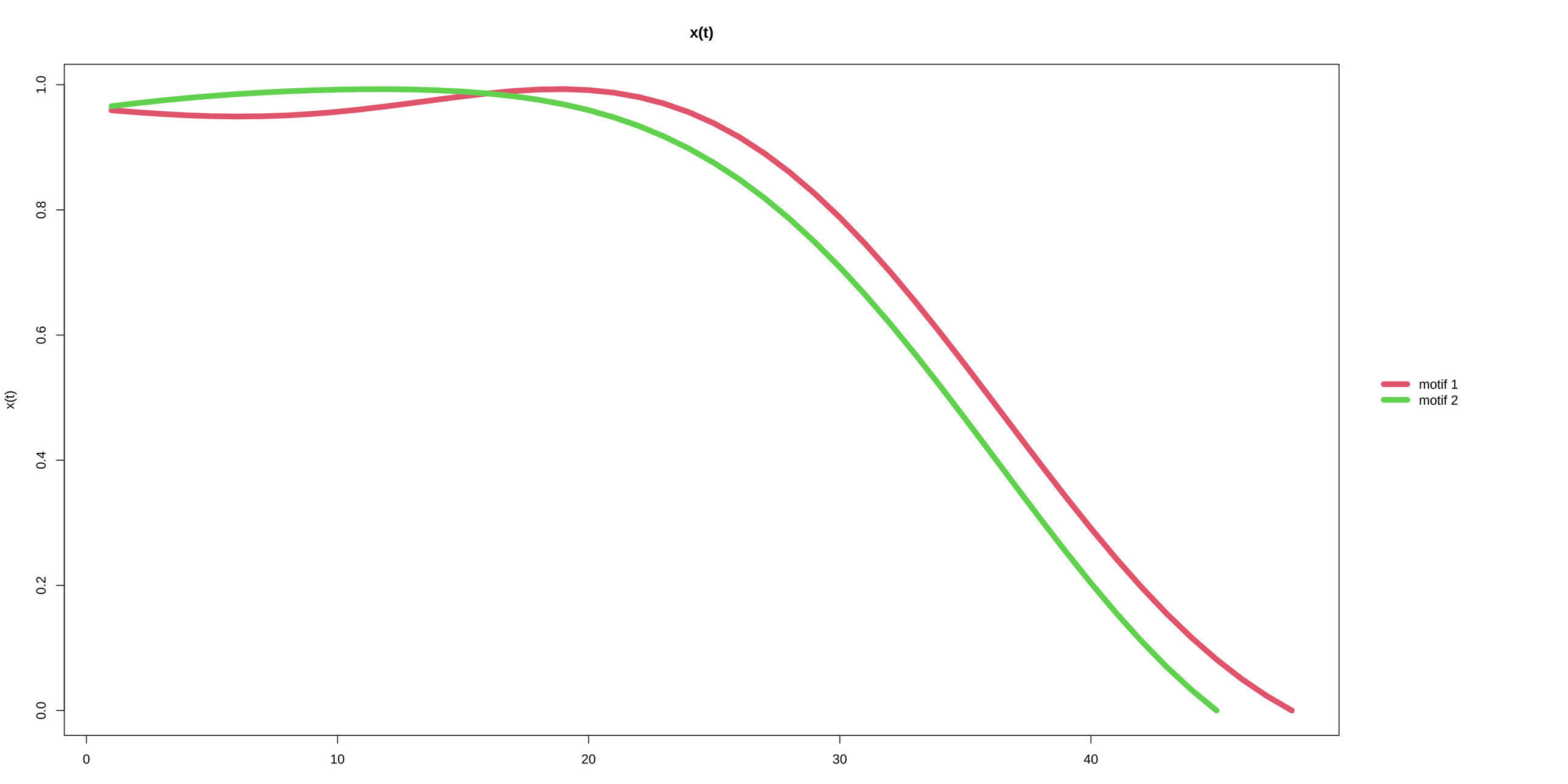
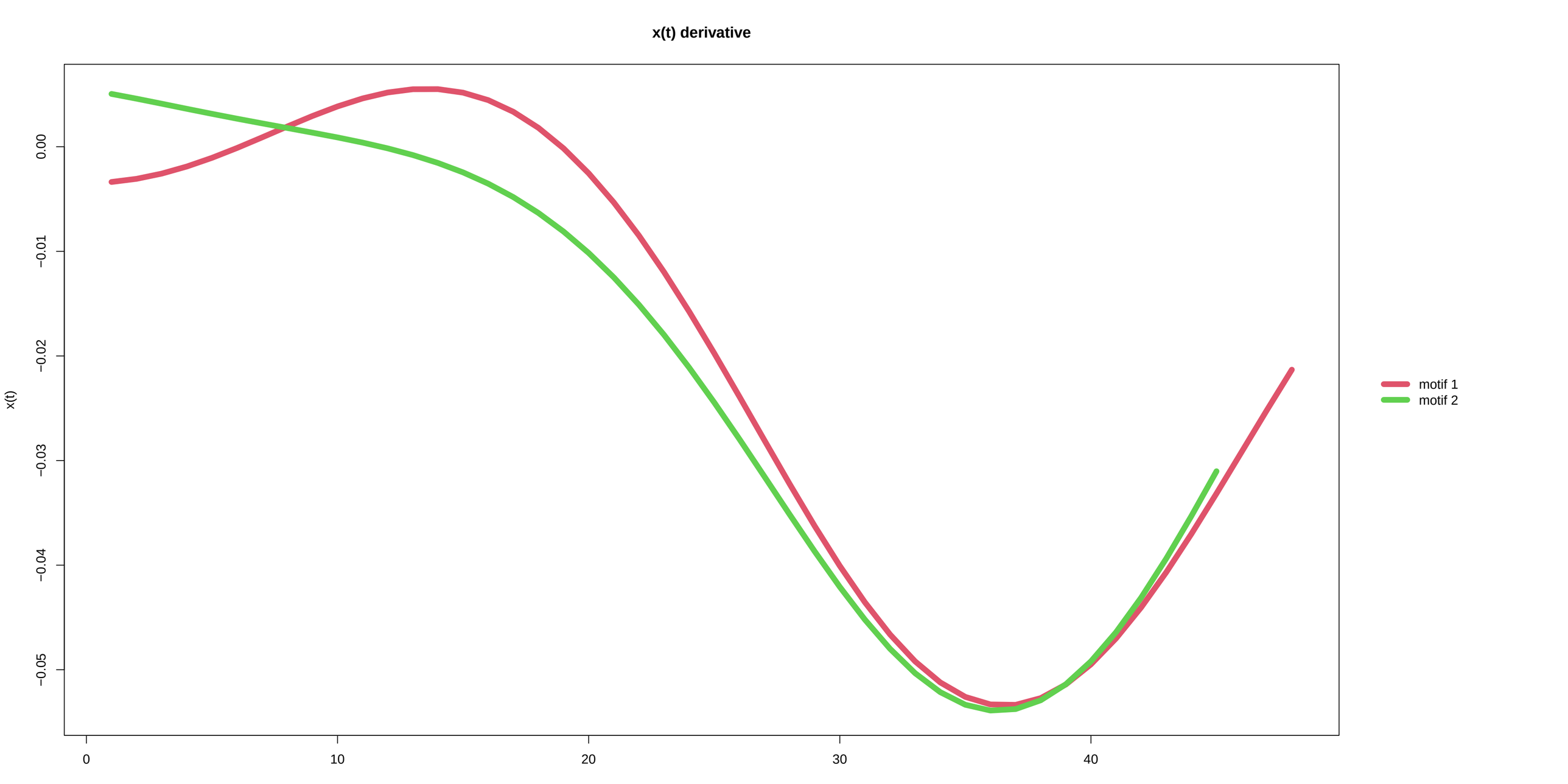

Motif 1 − x(t)
x(t)
0.0
0.2
0.4
0.6
0.8
1.0
0
10
20
30
40
motif center

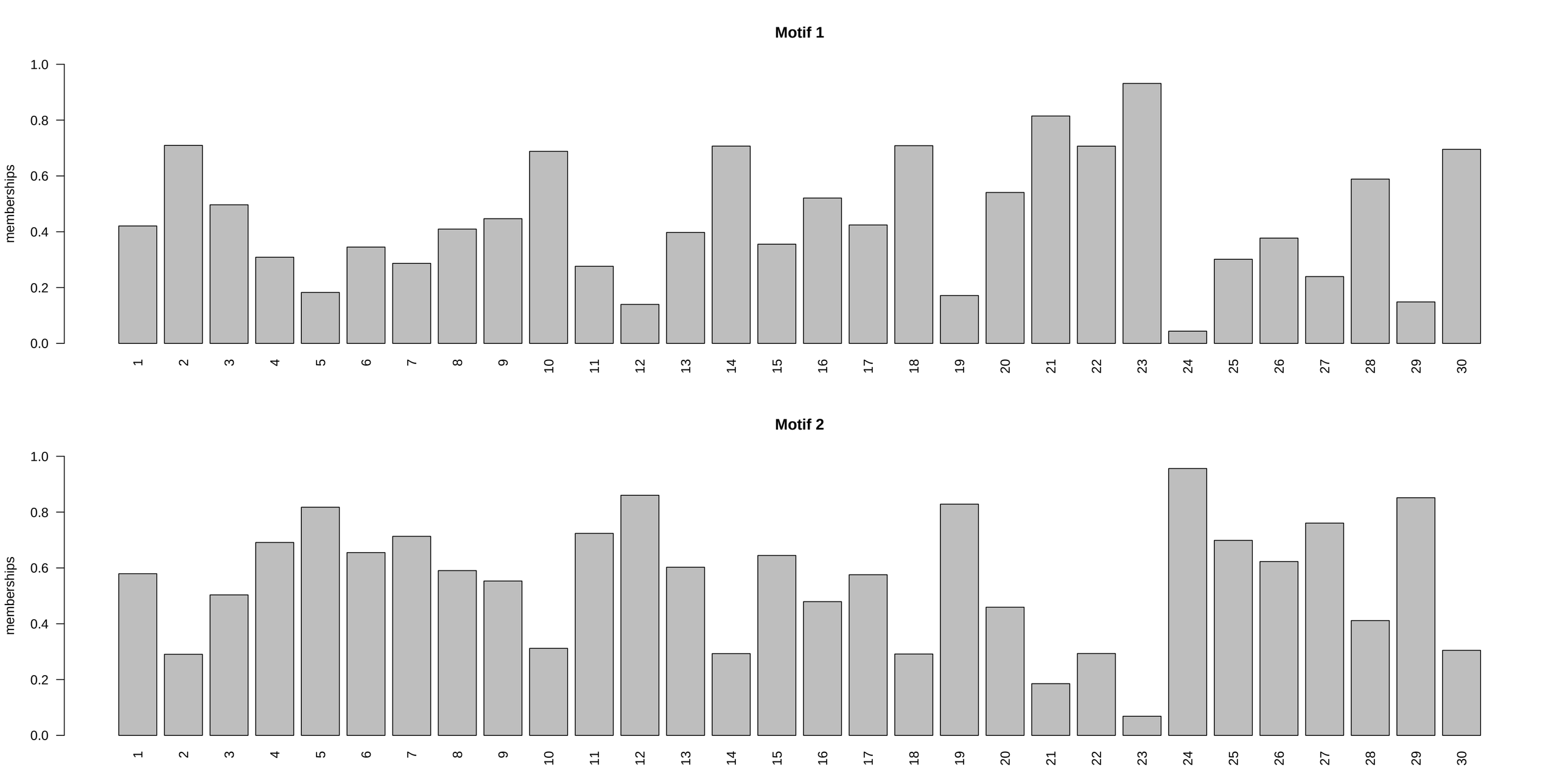

Motif 1 − x(t) derivative
x(t)
0.02
0.00
−0.02
−0.04
−0.06
0
10
20
30
40
motif center

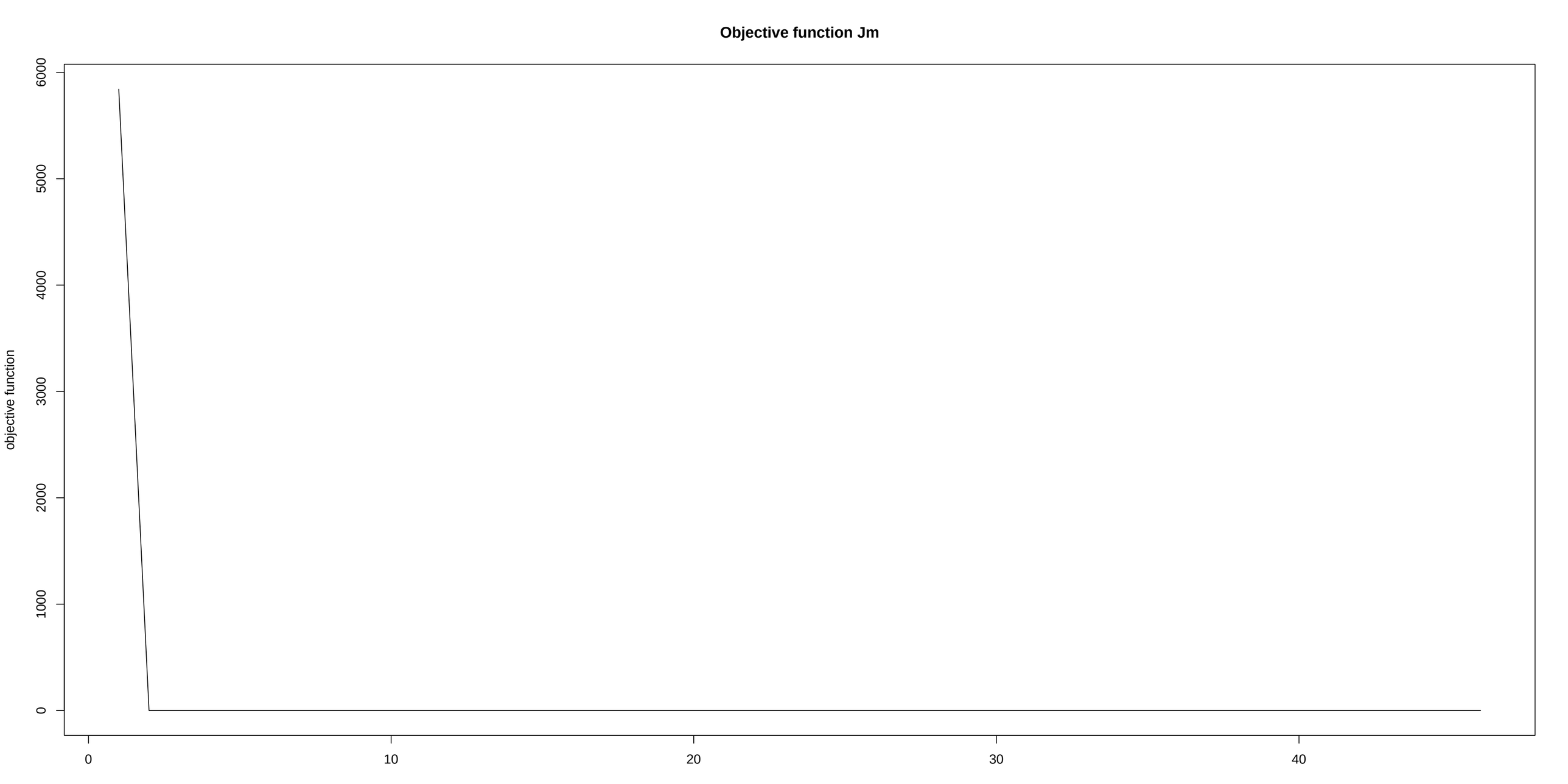

Motif 2 − x(t)
x(t)
0.0
0.2
0.4
0.6
0.8
1.0
0
10
20
30
40
motif center

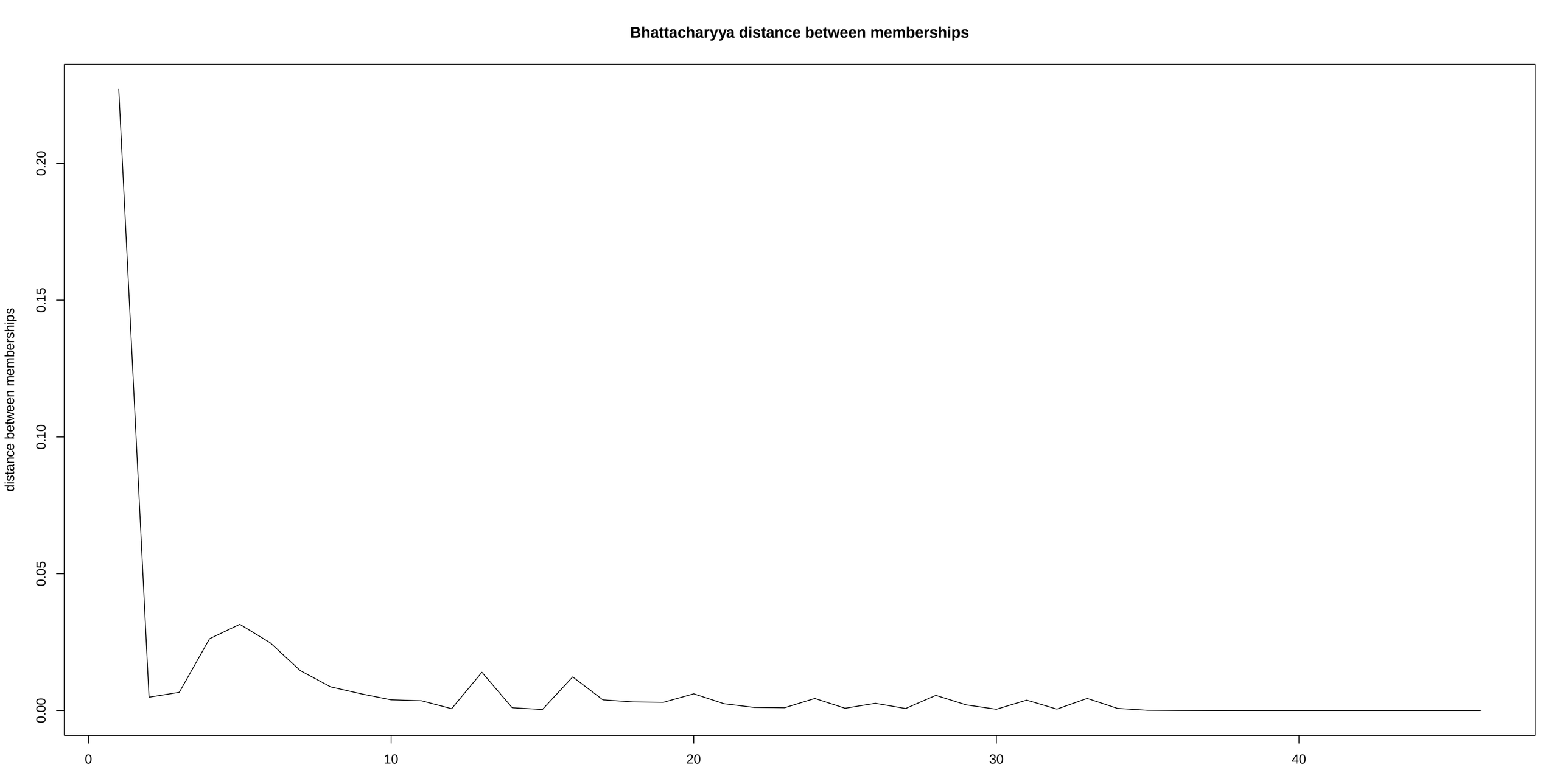

Motif 2 − x(t) derivative
x(t)
0.02
0.00
−0.02
−0.04
−0.06
0
10
20
30
40
motif center


x(t)
1.0
0.8
0.6
0.4
0.2
0.0
x(t)
0
10
20
30
40
motif 1
motif 2


x(t) derivative
x(t)
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
0
10
20
30
40
motif 1
motif 2


Motif 1
memberships
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
Motif 2
memberships
1.0
0.8
0.6
0.4
0.2
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30


Objective function Jm
objective function
0
1000
2000
3000
4000
5000
6000
0
10
20
30
40


Bhattacharyya distance between memberships
distance between memberships
0.00
0.05
0.10
0.15
0.20
0
10
20
30
40