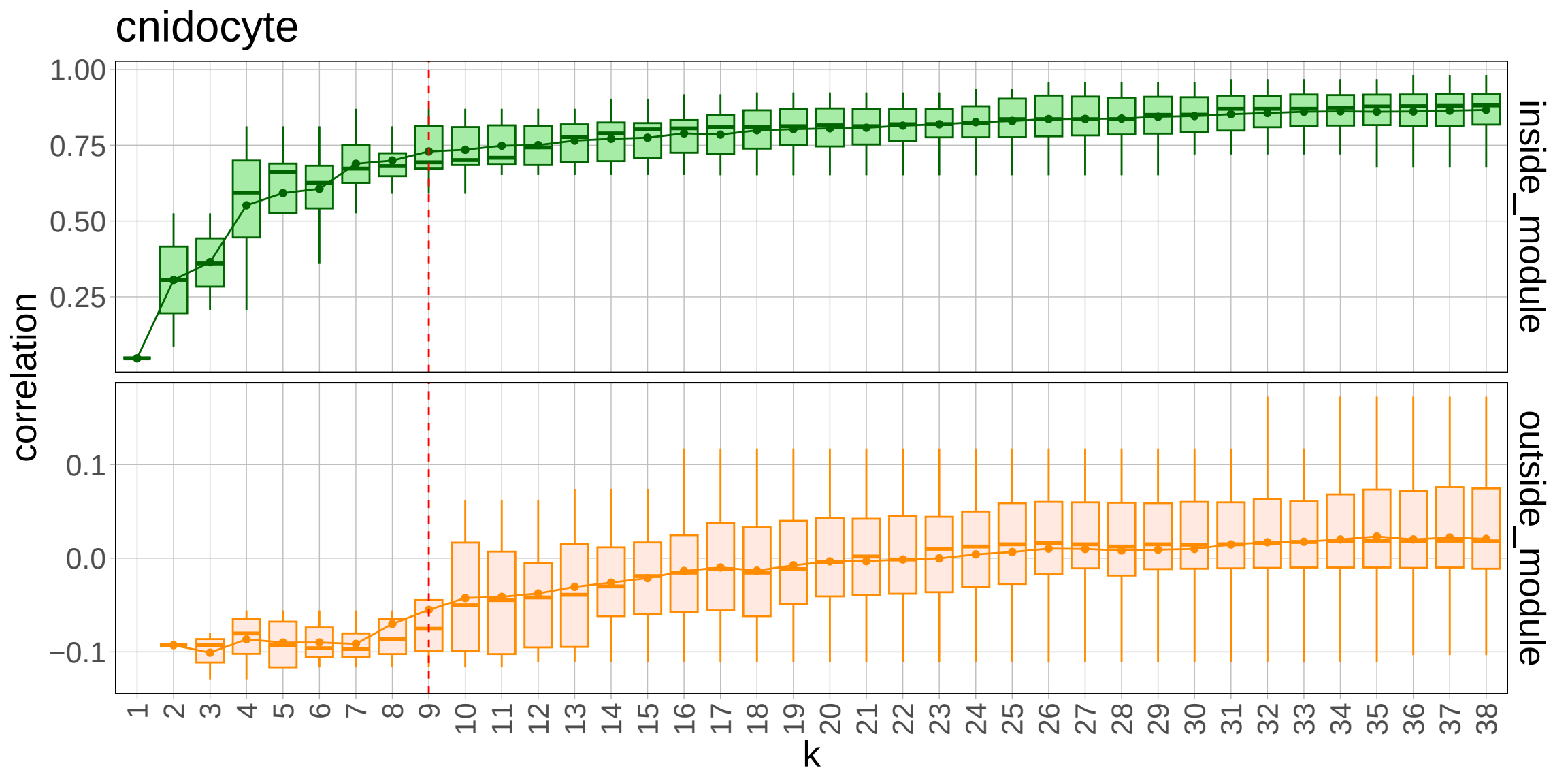
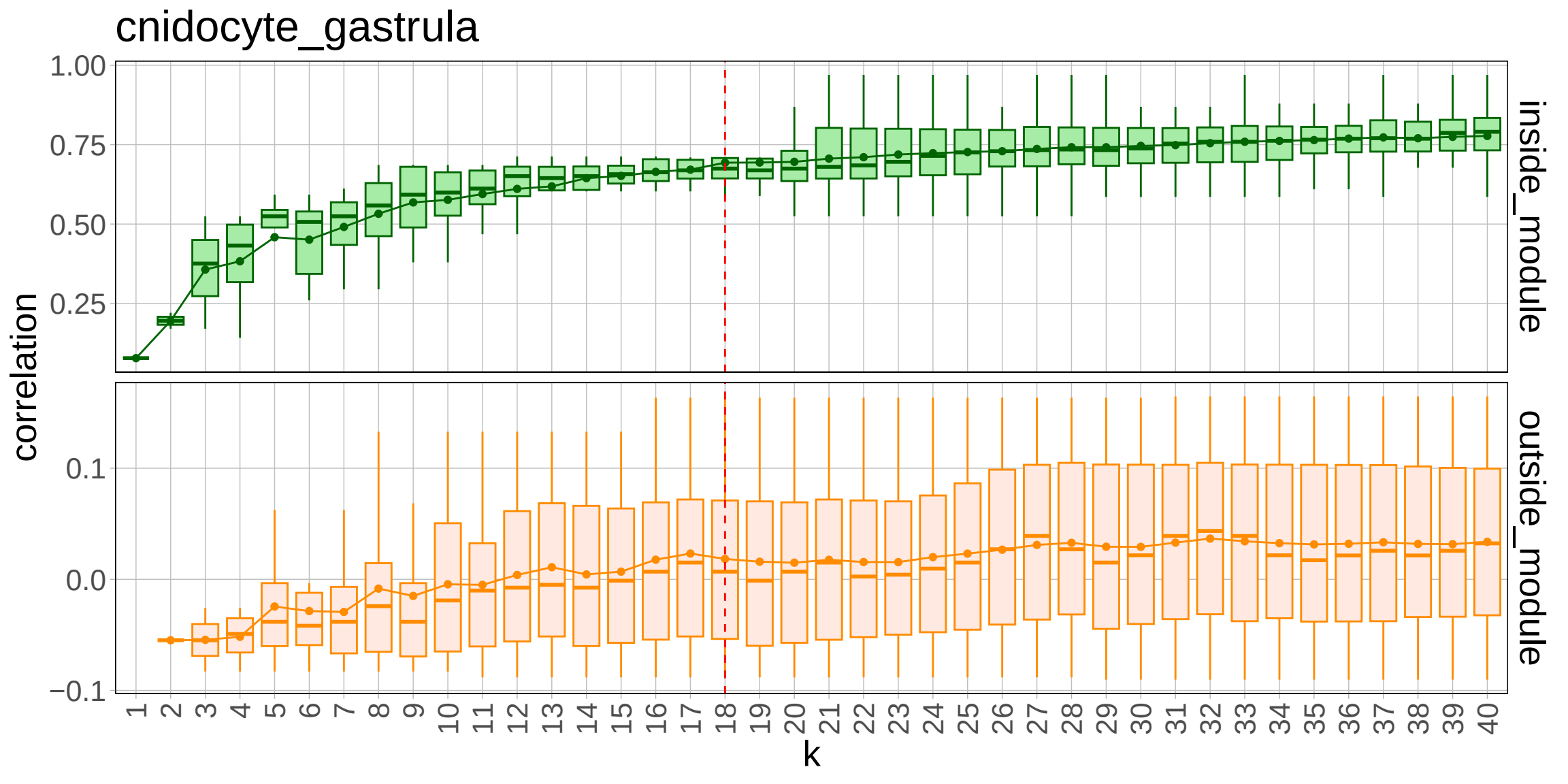
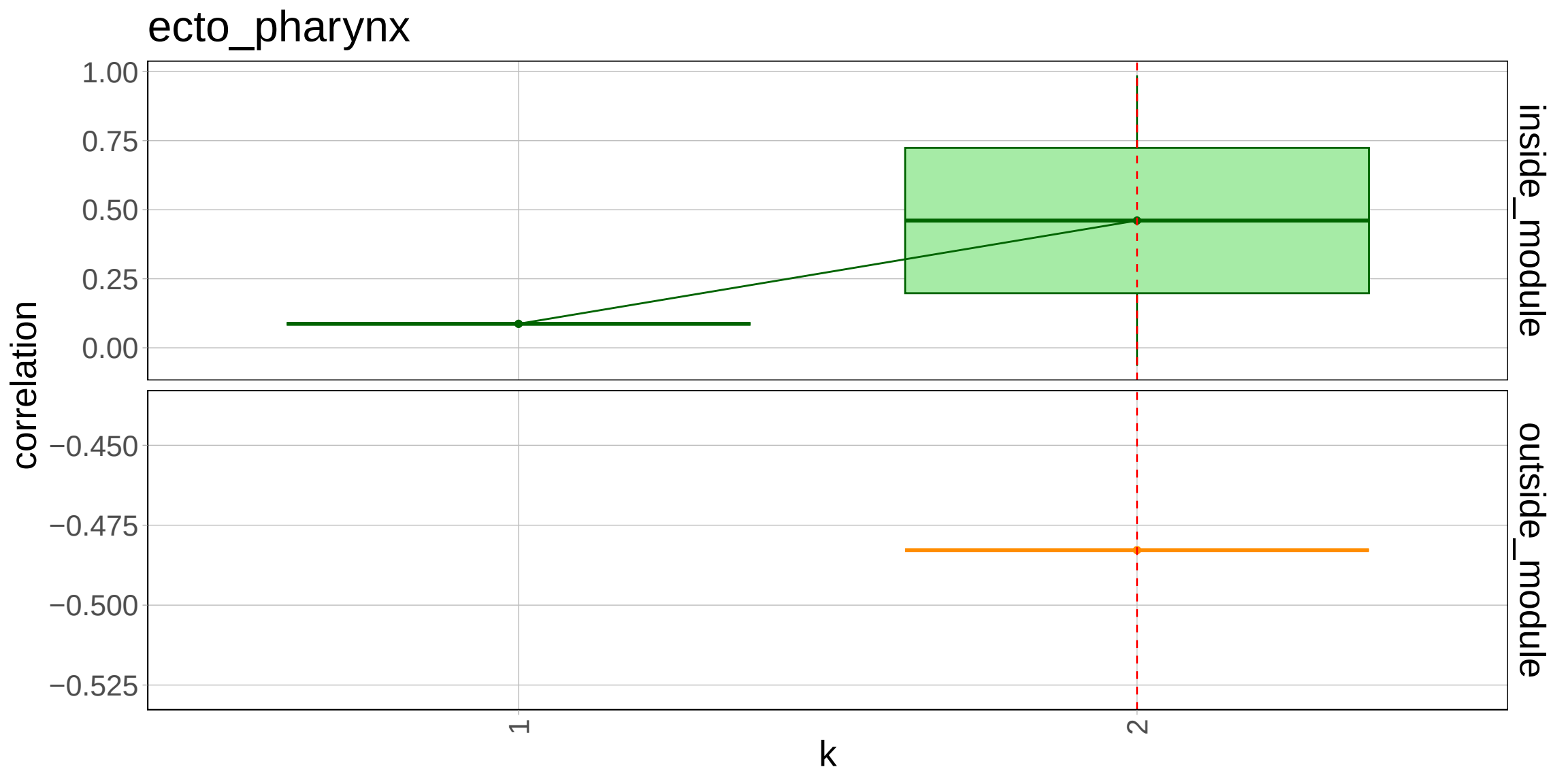
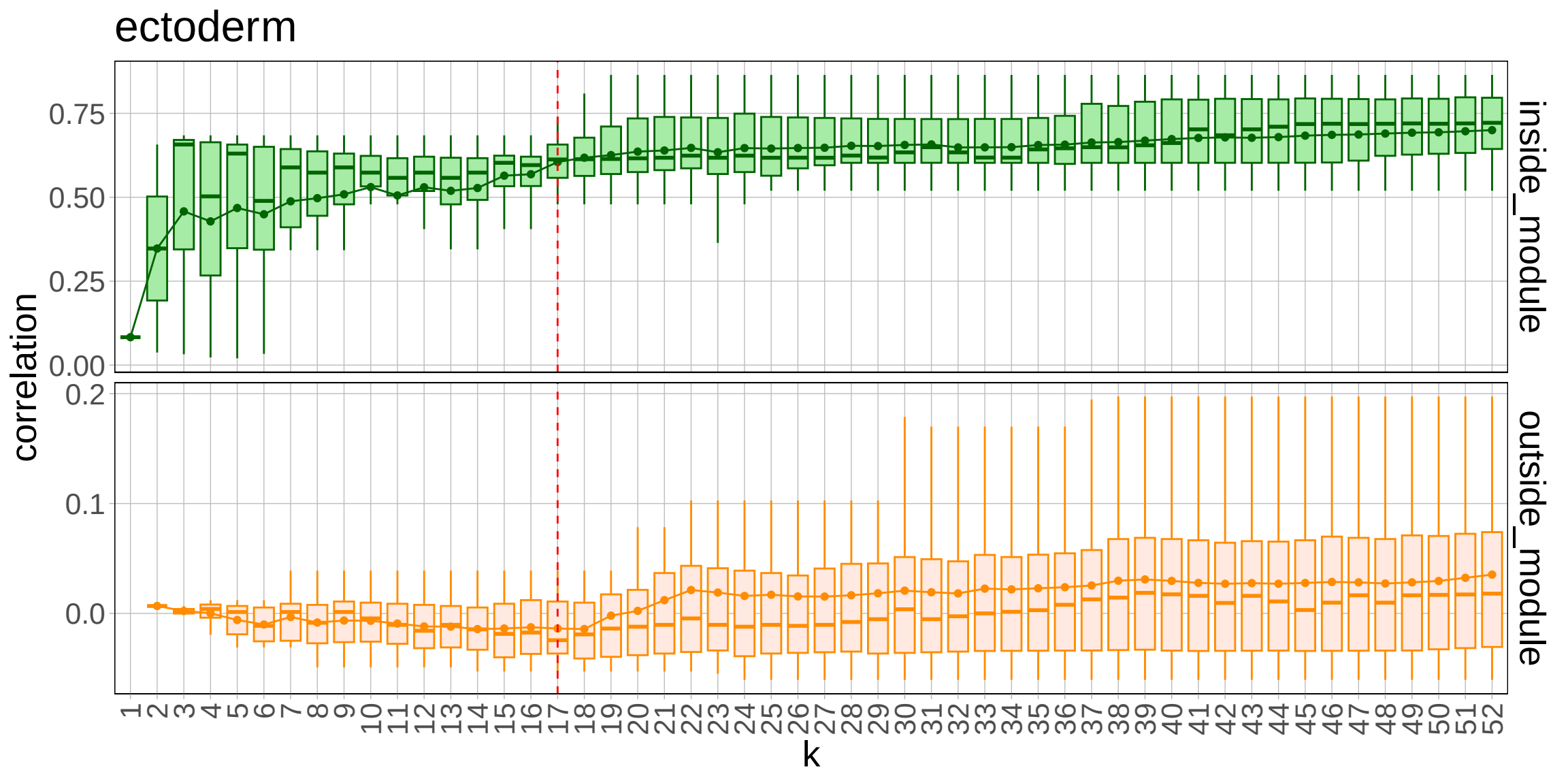
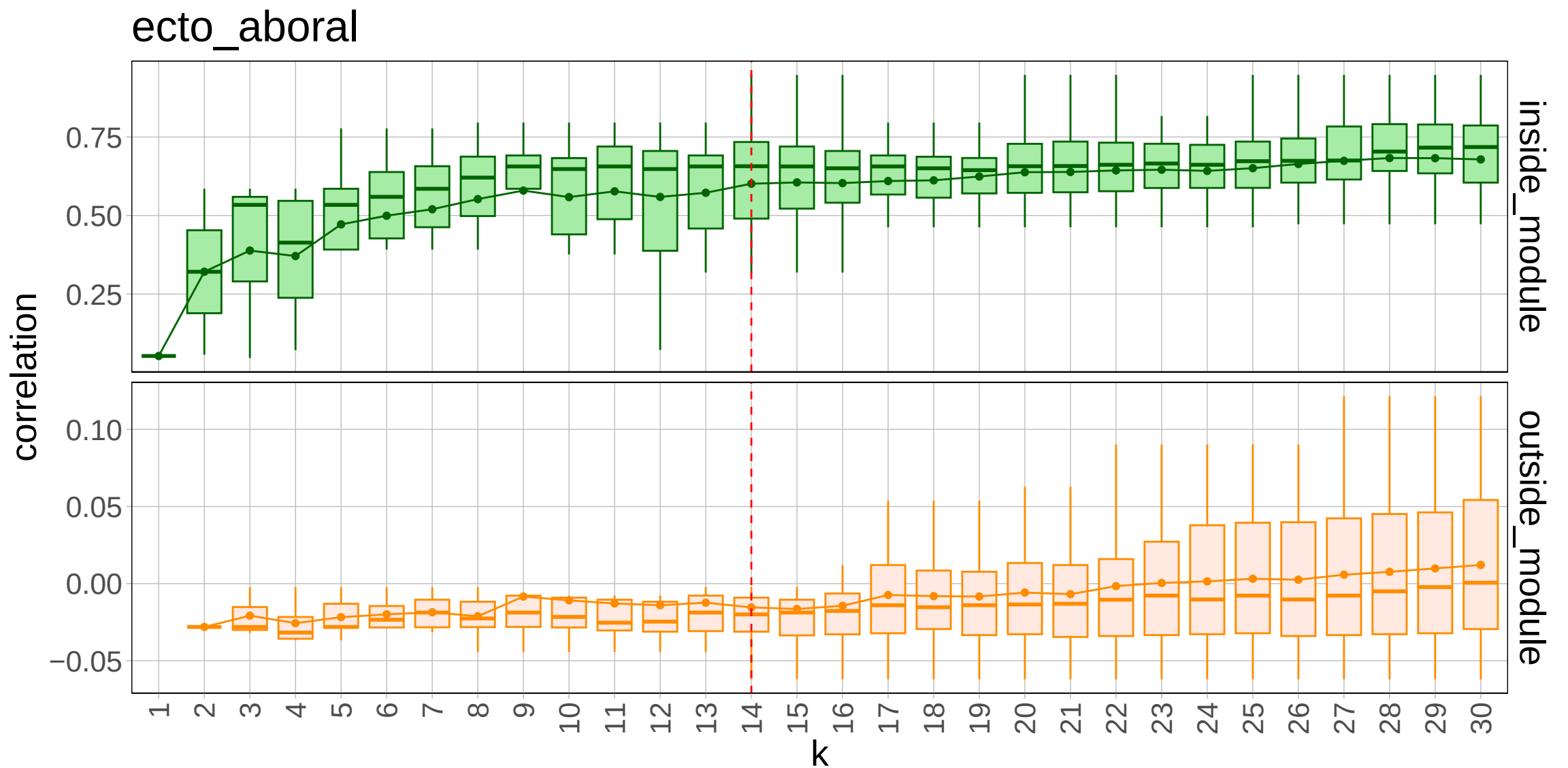
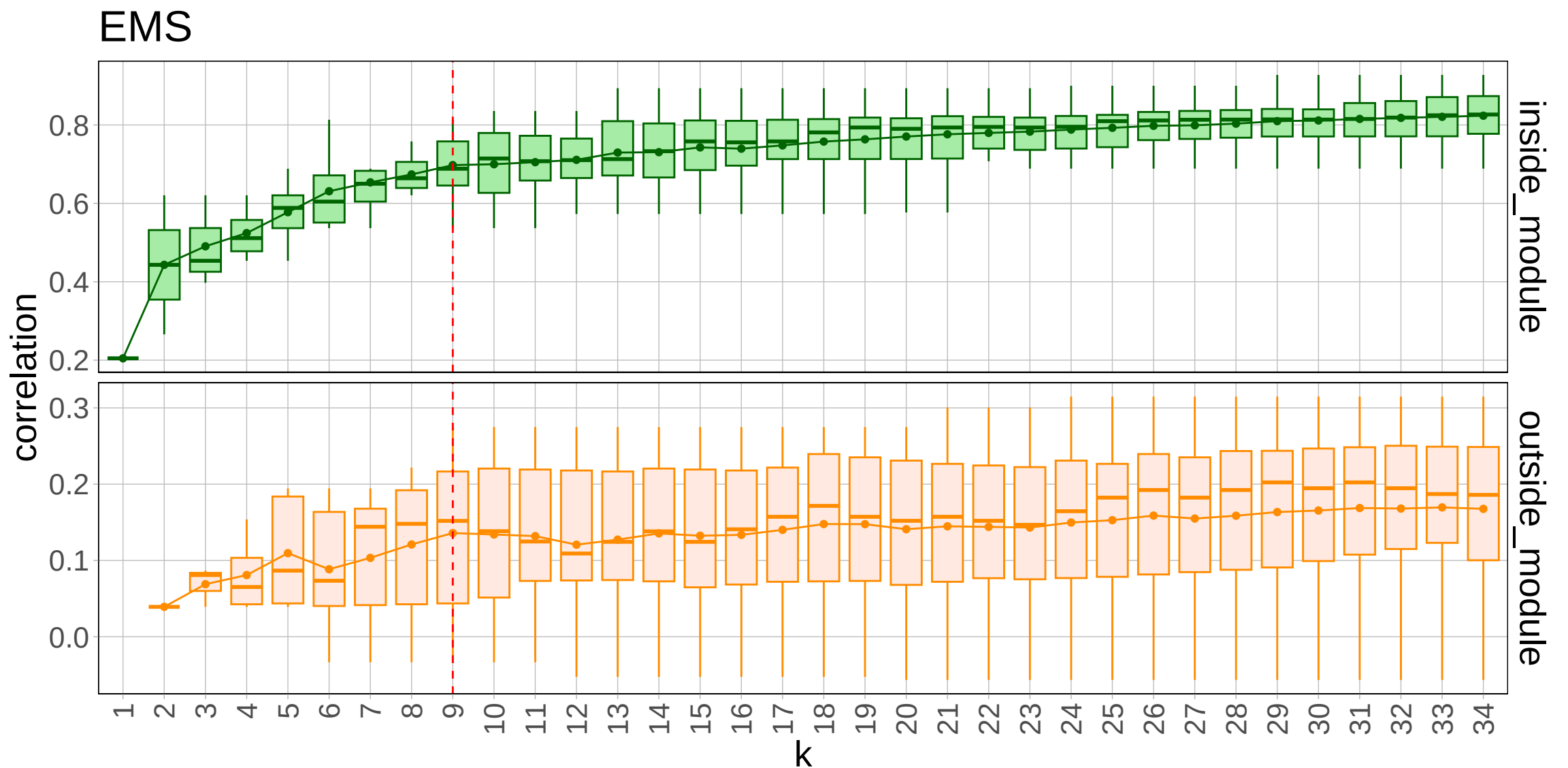

cnidocyte
correlation
inside_module
outside_module
1.00
0.75
0.50
0.25
0.1
0.0
−0.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38
k

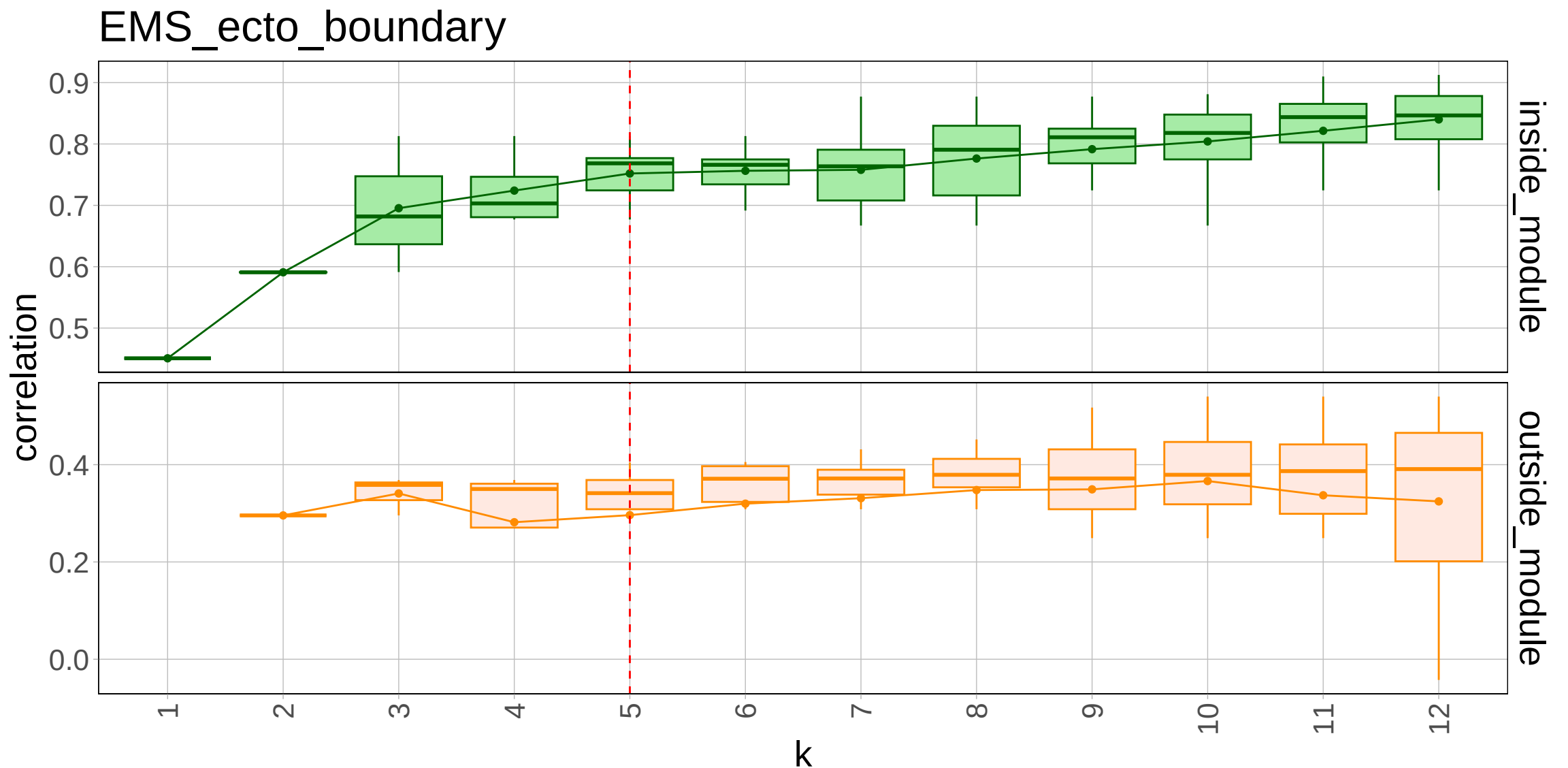

cnidocyte_gastrula
correlation
1.00
0.75
0.50
0.25
0.1
0.0
−0.1
inside_module
outside_module
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
k

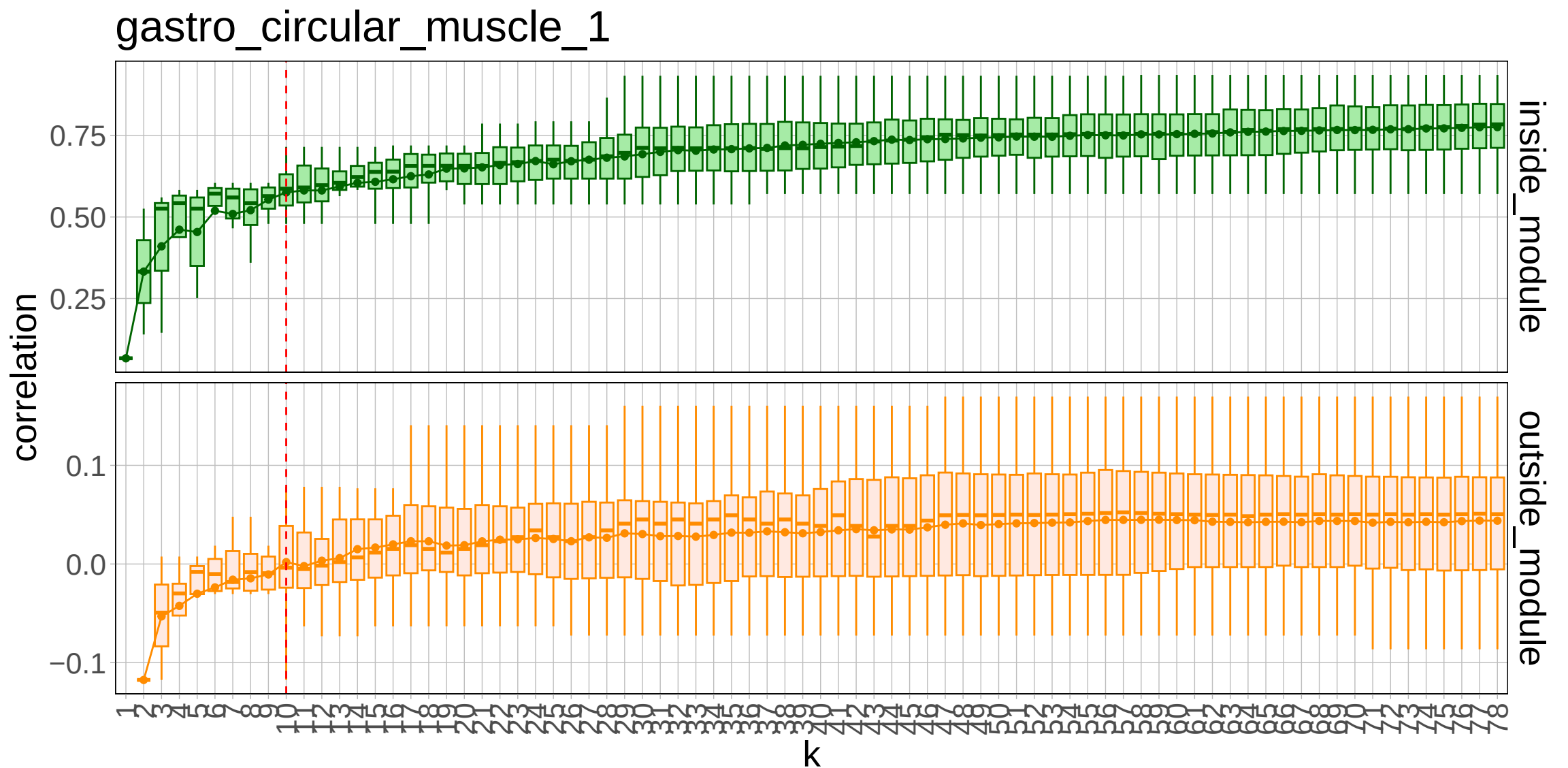

ecto_pharynx
1.00
0.75
0.50
0.25
0.00
−0.450
−0.475
−0.500
−0.525
correlation
inside_module
outside_module
1
2
k

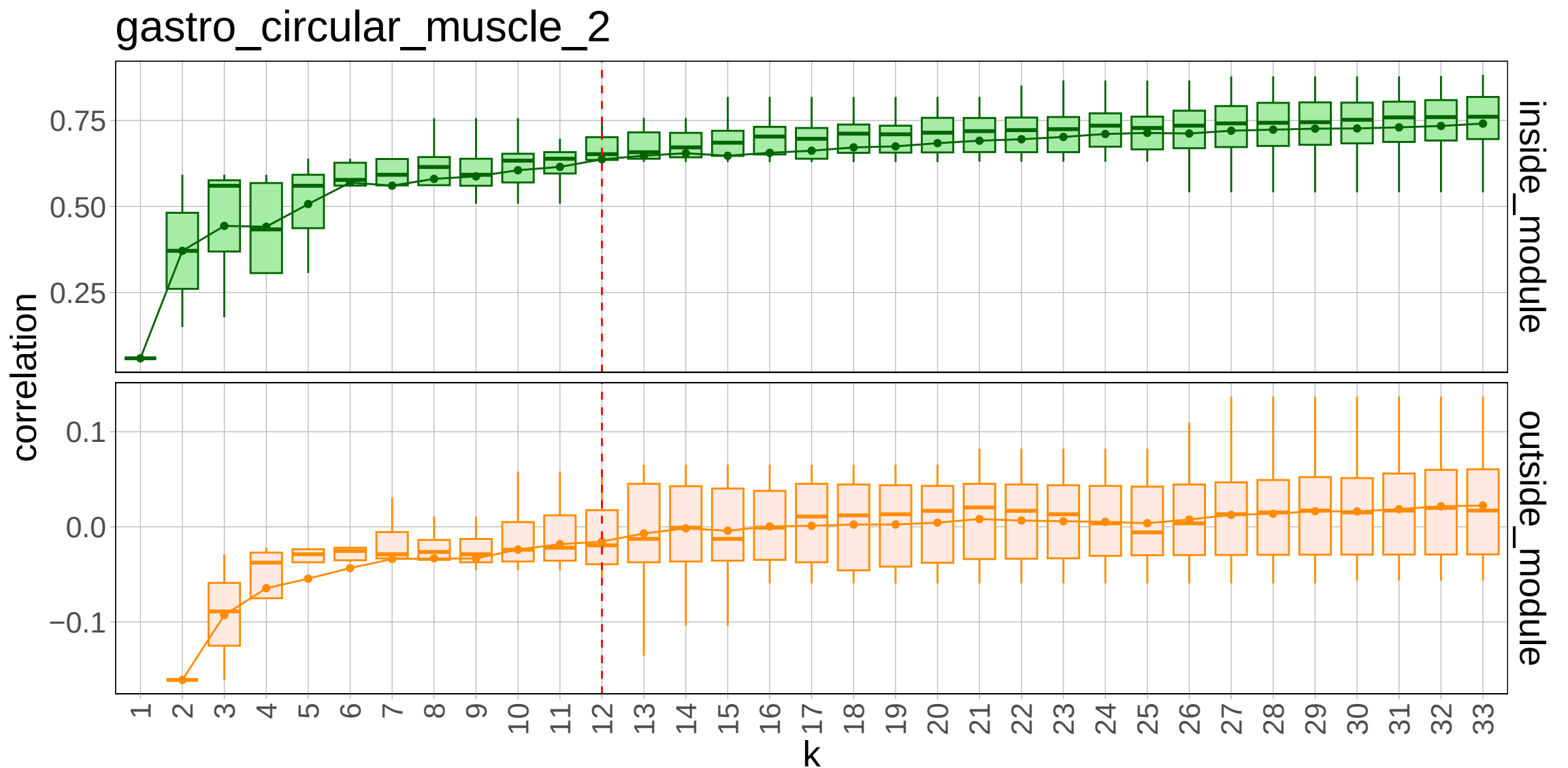

ectoderm
correlation
inside_module
outside_module
0.75
0.50
0.25
0.00
0.2
0.1
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52
k

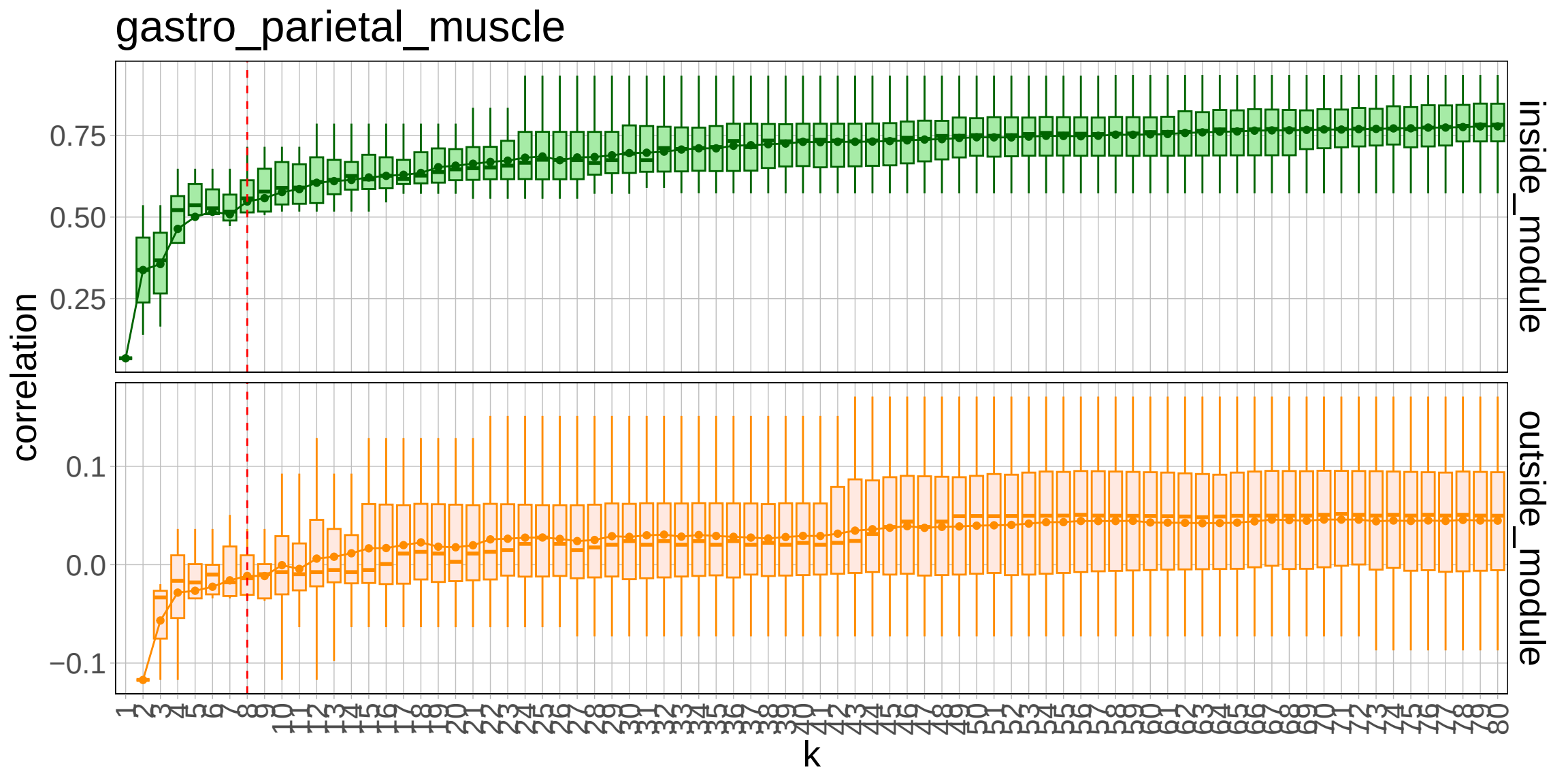

ecto_aboral
correlation
inside_module
outside_module
0.75
0.50
0.25
0.10
0.05
0.00
−0.05
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
k

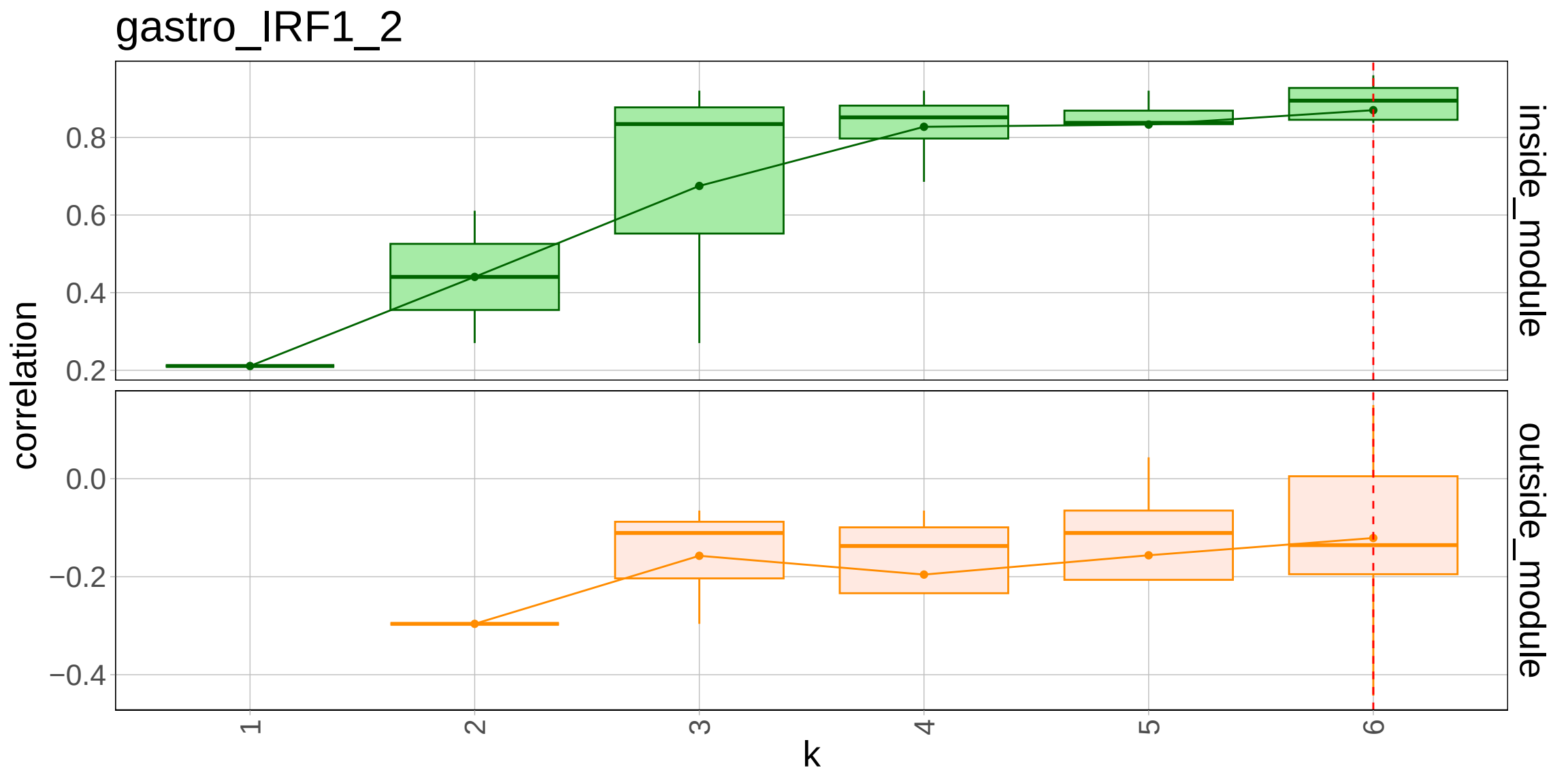

EMS
correlation
inside_module
outside_module
0.8
0.6
0.4
0.2
0.3
0.2
0.1
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
k

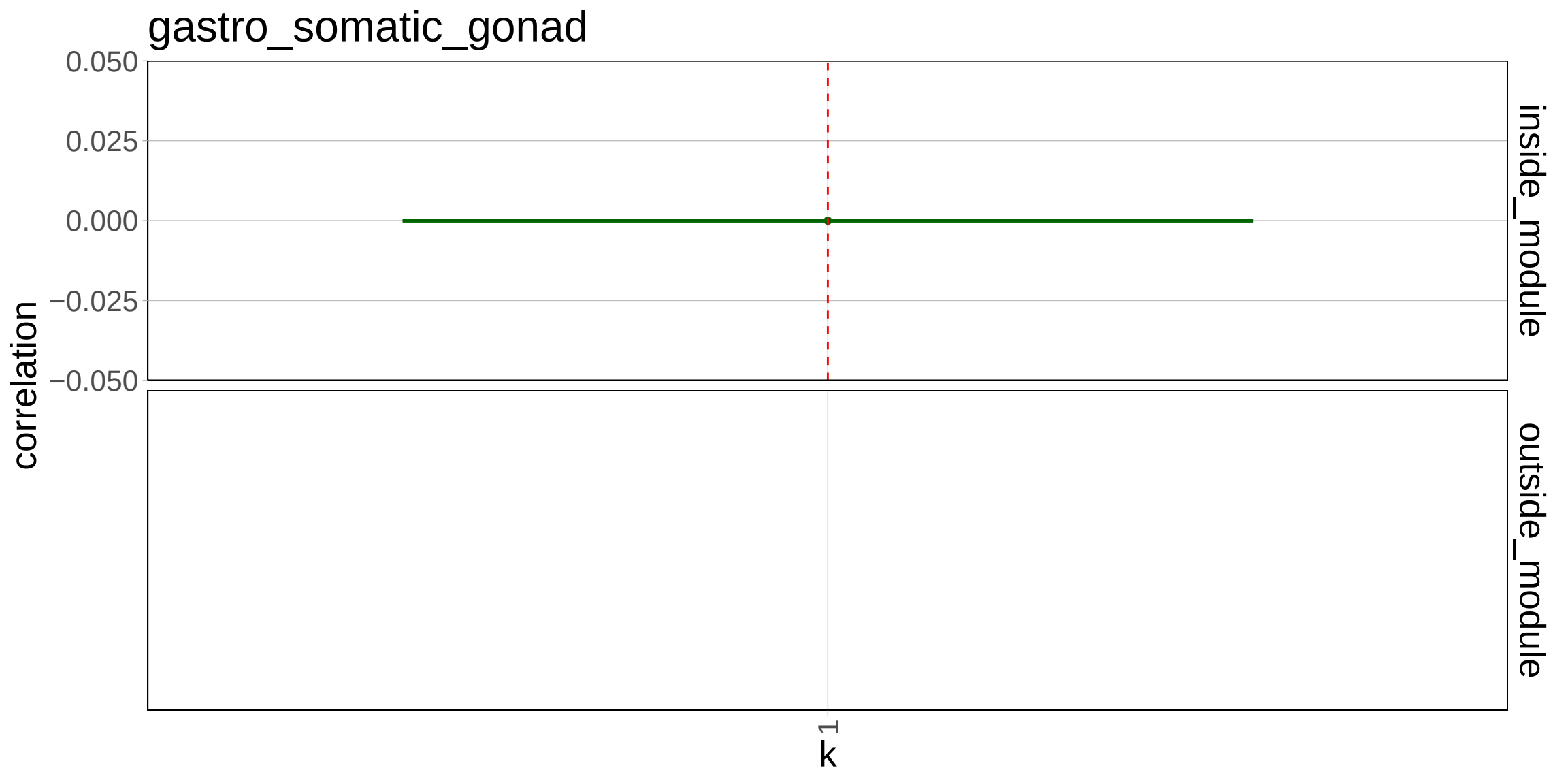

EMS_ecto_boundary
correlation
0.9
0.8
0.7
0.6
0.5
0.4
0.2
0.0
inside_module
outside_module
1
2
3
4
5
6
7
8
9
10
11
12
k

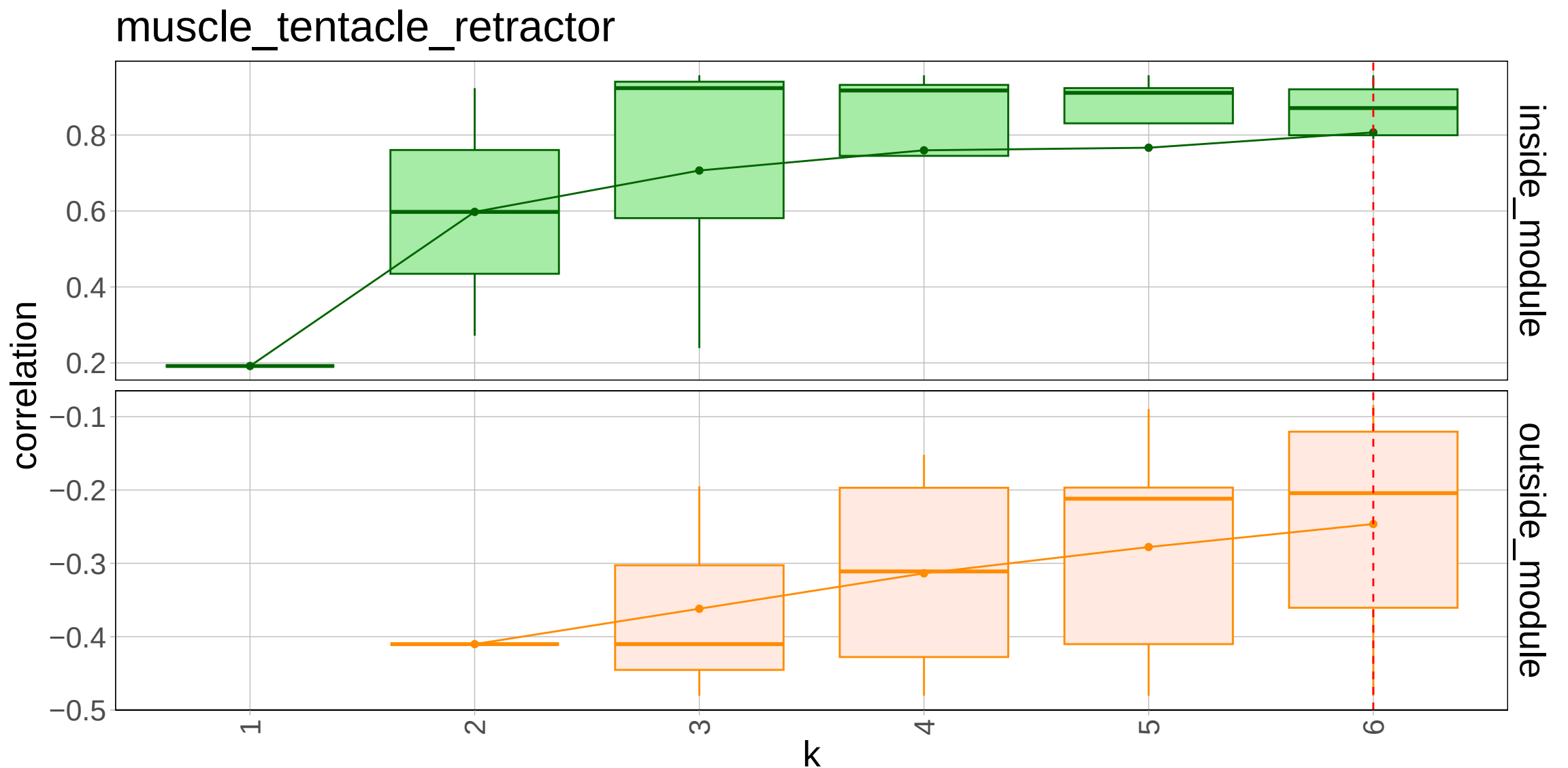

gastro_circular_muscle_1
correlation
0.75
0.50
0.25
inside_module
0.1
0.0
−0.1
outside_module
k

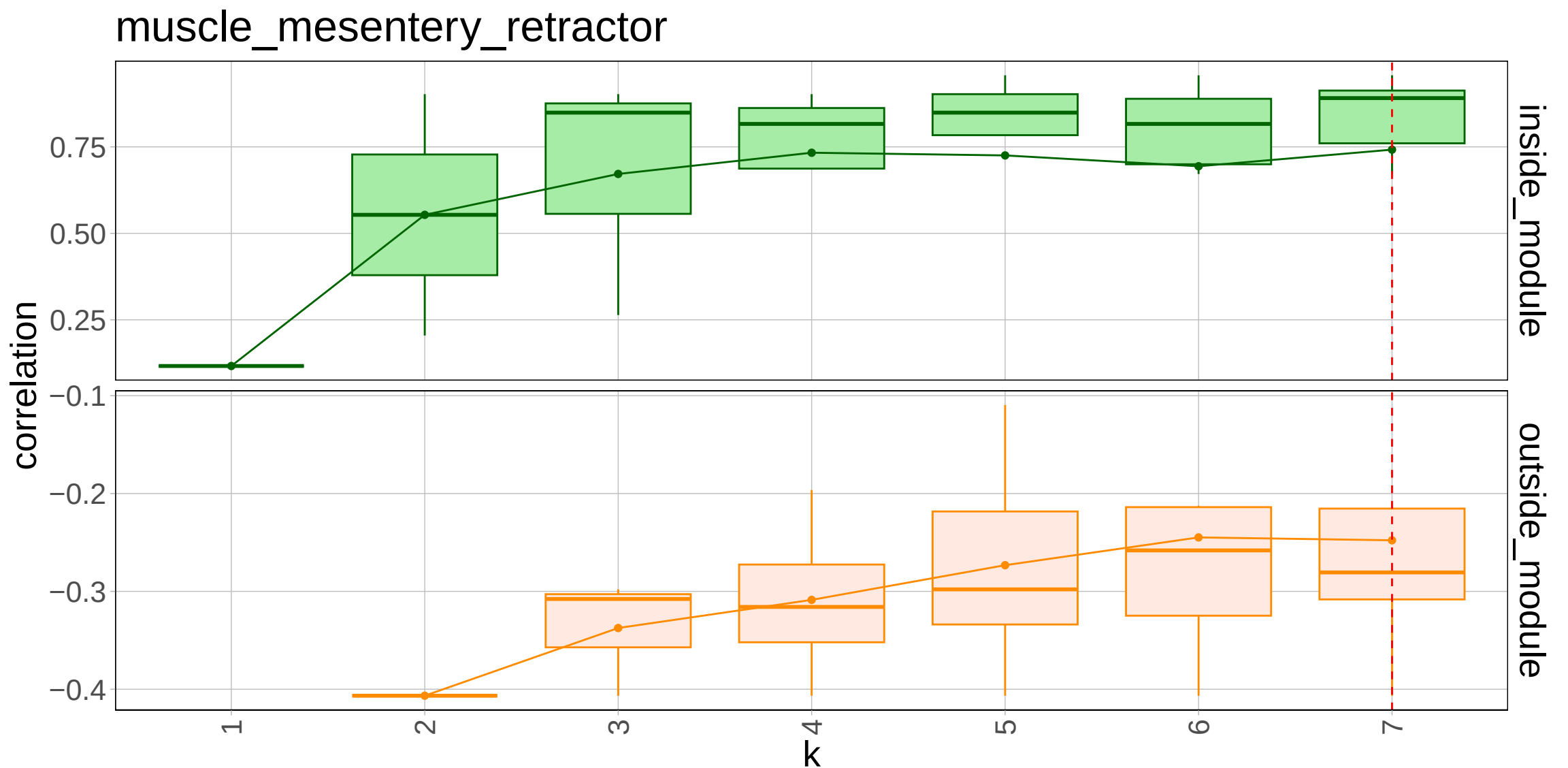

gastro_circular_muscle_2
correlation
inside_module
outside_module
0.75
0.50
0.25
0.1
0.0
−0.1
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
k

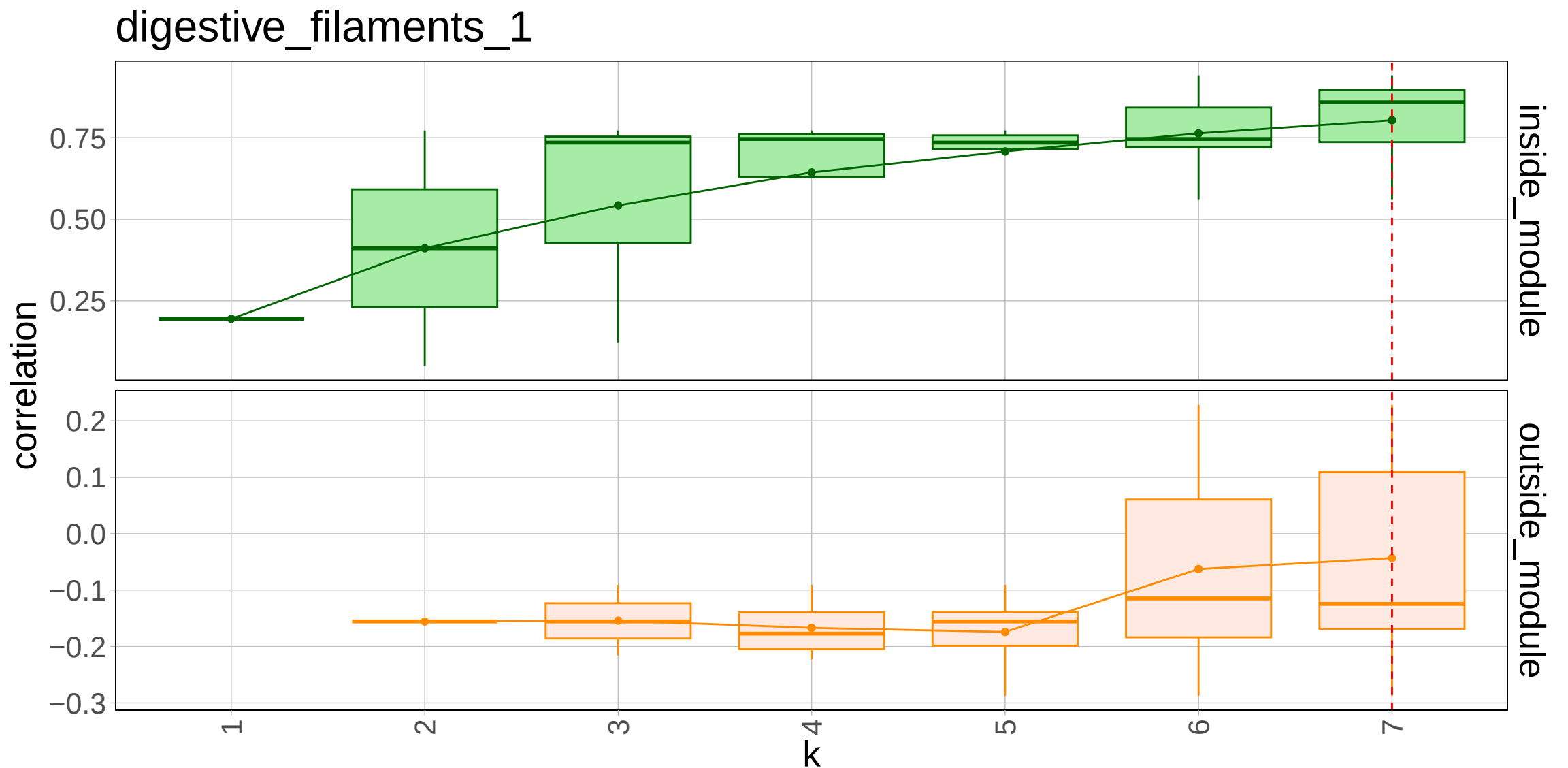

gastro_parietal_muscle
correlation
inside_module
outside_module
0.75
0.50
0.25
0.1
0.0
−0.1
k

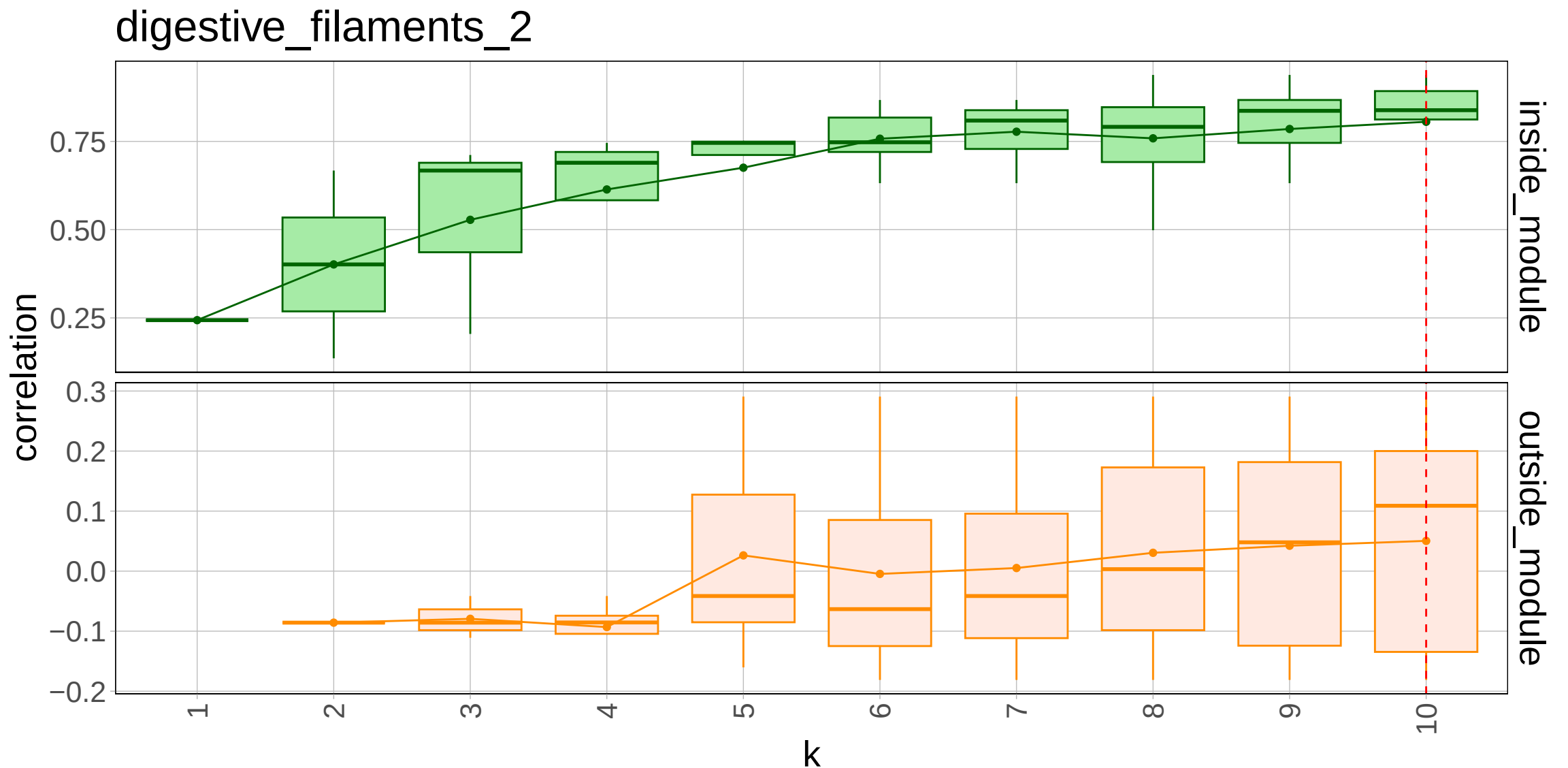

gastro_IRF1_2
correlation
inside_module
outside_module
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
1
2
3
4
5
6
k

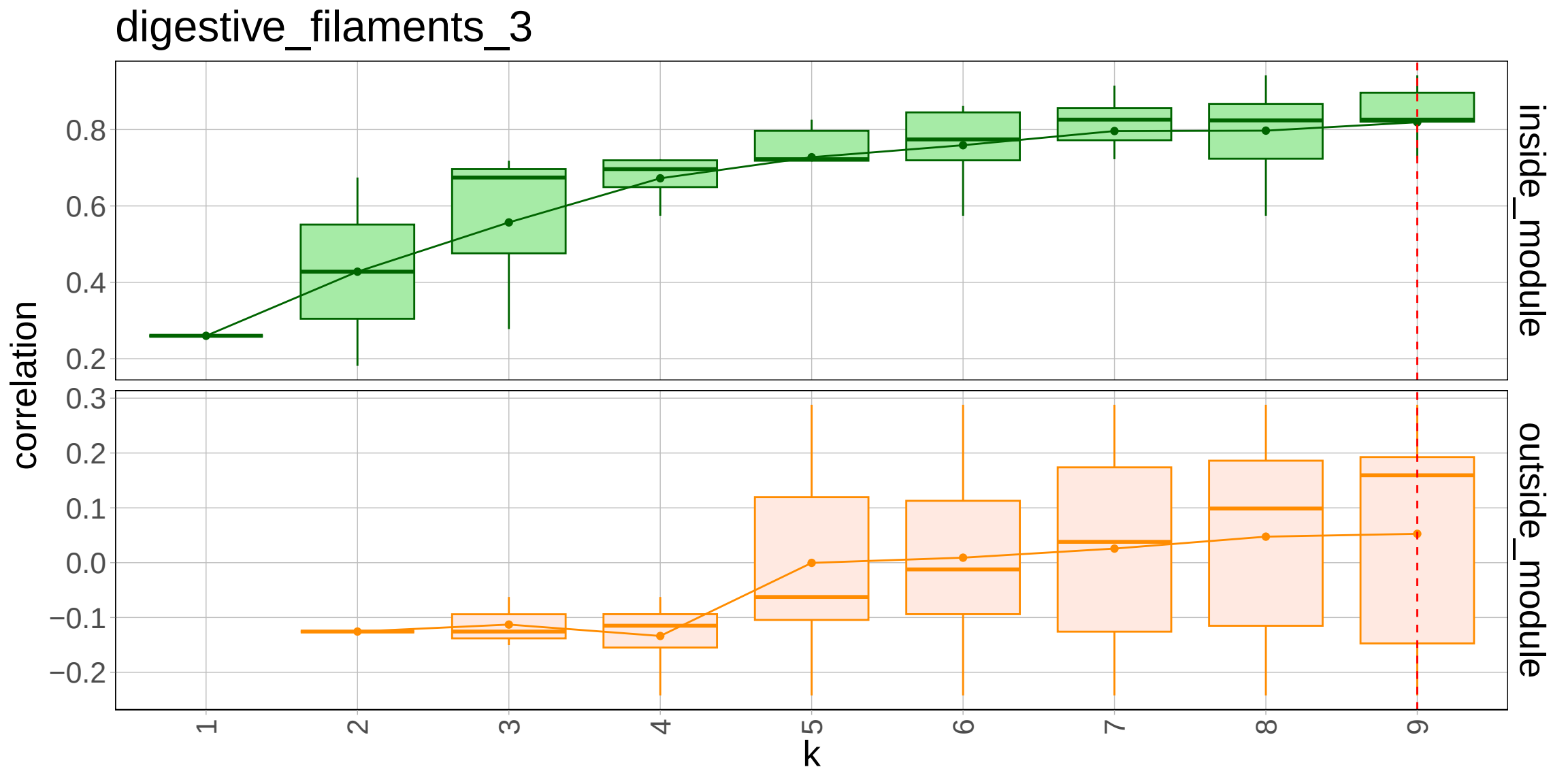

gastro_somatic_gonad
0.050
0.025
0.000
−0.025
−0.050
correlation
inside_module
outside_module
1
k

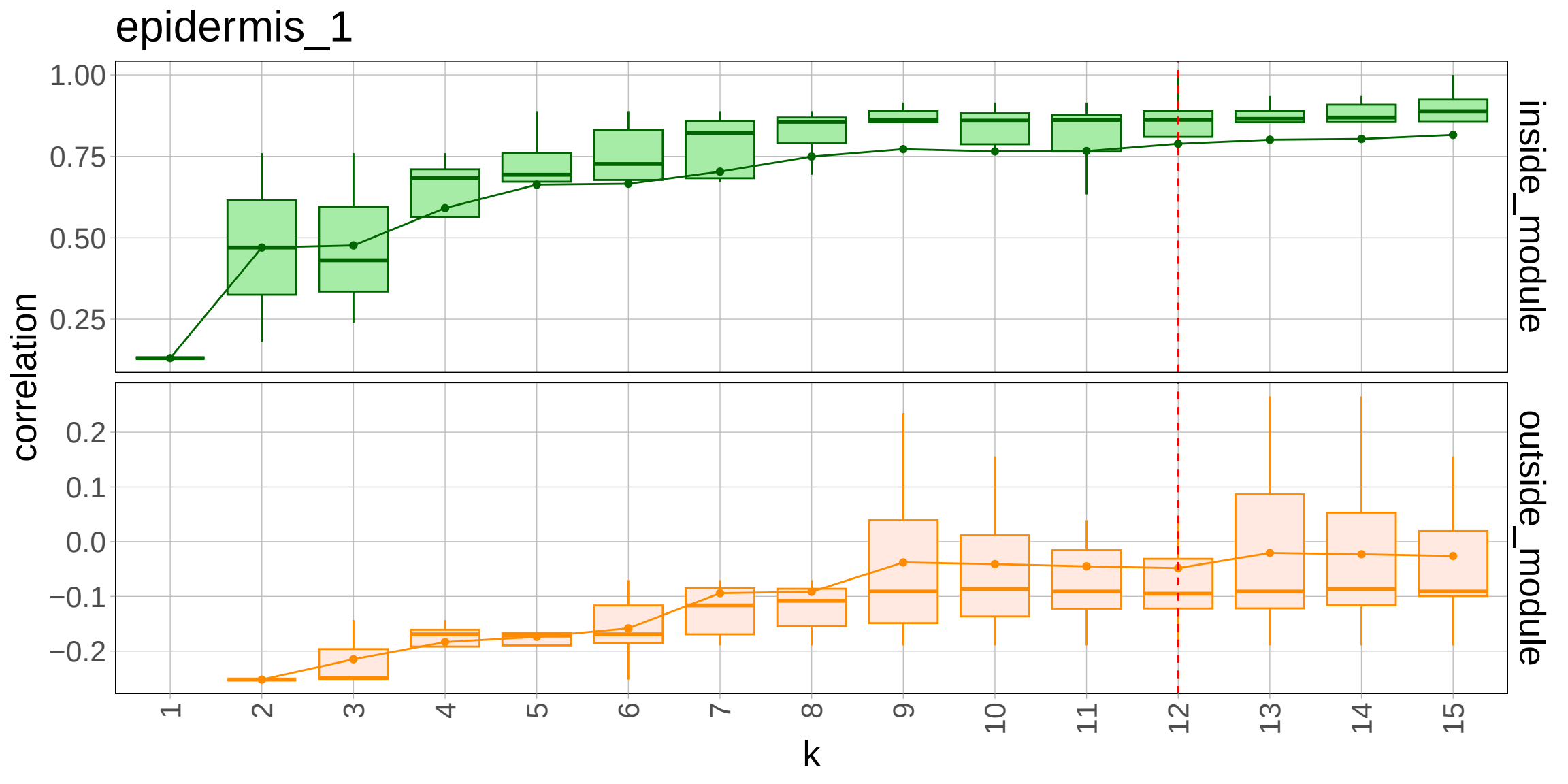

muscle_tentacle_retractor
correlation
0.8
0.6
0.4
0.2
−0.1
−0.2
−0.3
−0.4
−0.5
1
2
3
4
5
6
k
inside_module
outside_module

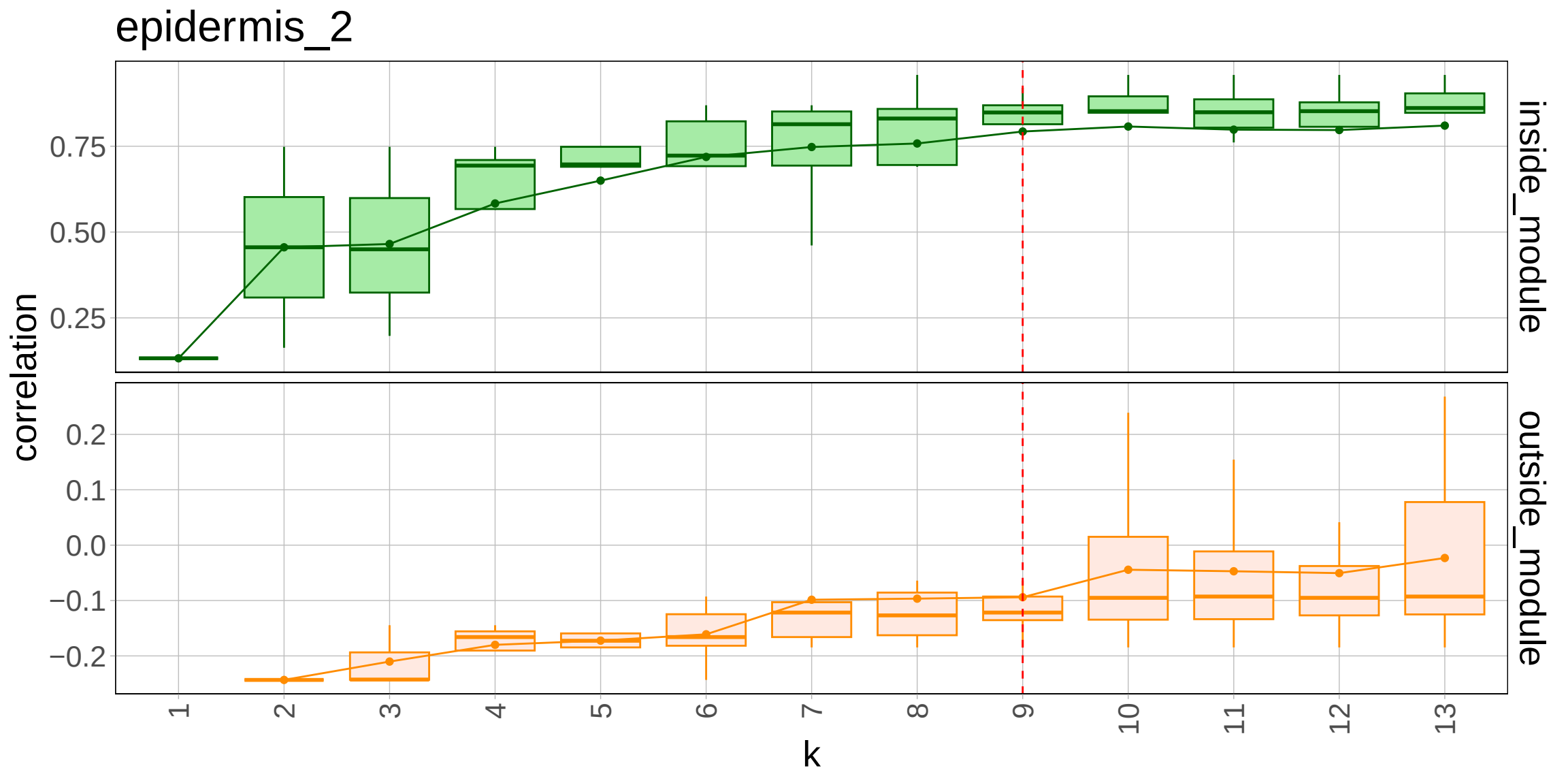

muscle_mesentery_retractor
correlation
0.75
0.50
0.25
−0.1
−0.2
−0.3
−0.4
inside_module
outside_module
1
2
3
4
5
6
7
k

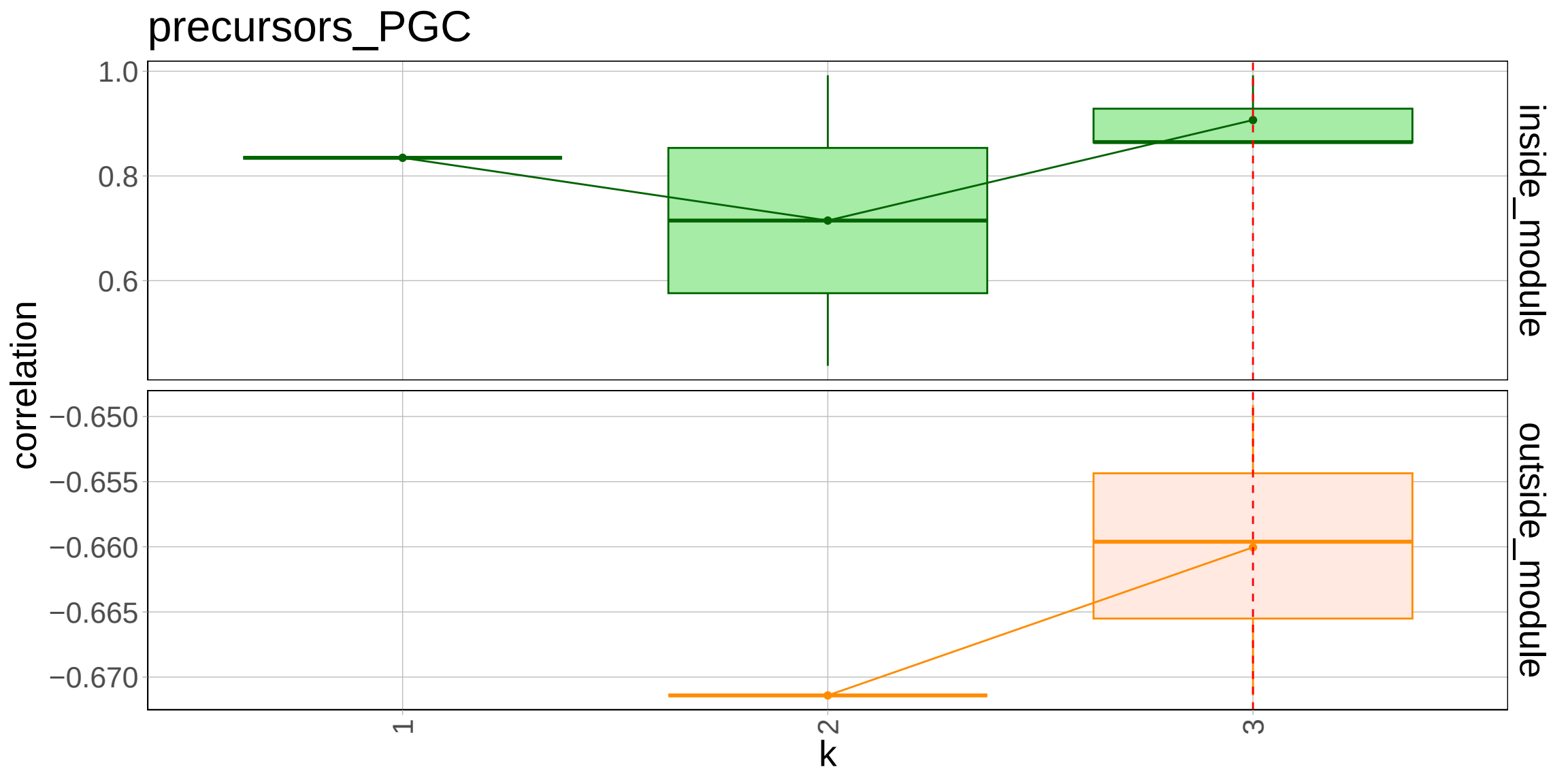

digestive_filaments_1
correlation
inside_module
outside_module
0.75
0.50
0.25
0.2
0.1
0.0
−0.1
−0.2
−0.3
1
2
3
4
5
6
7
k

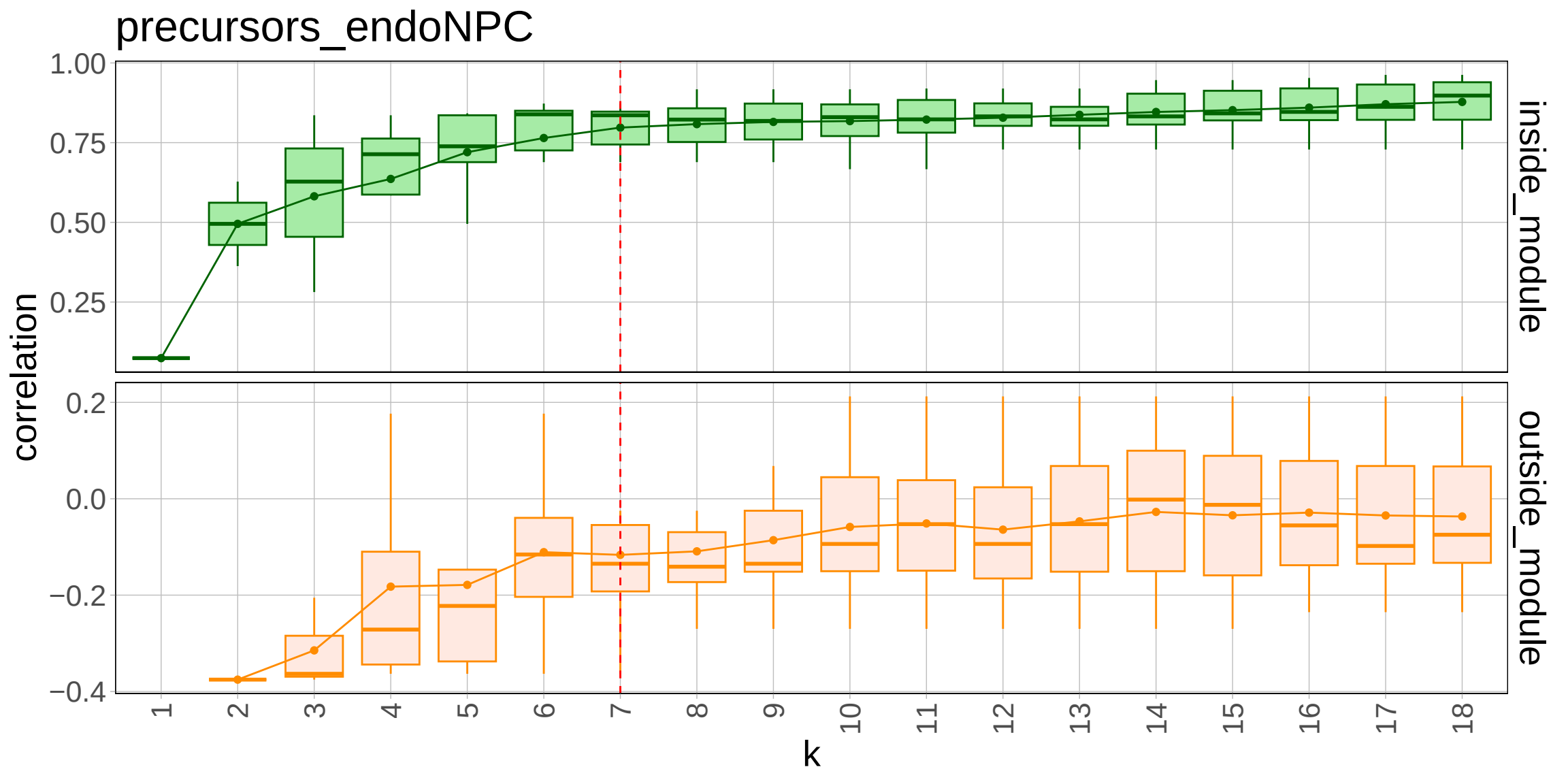

digestive_filaments_2
correlation
inside_module
outside_module
0.75
0.50
0.25
0.3
0.2
0.1
0.0
−0.1
−0.2
1
2
3
4
5
6
7
8
9
10
k

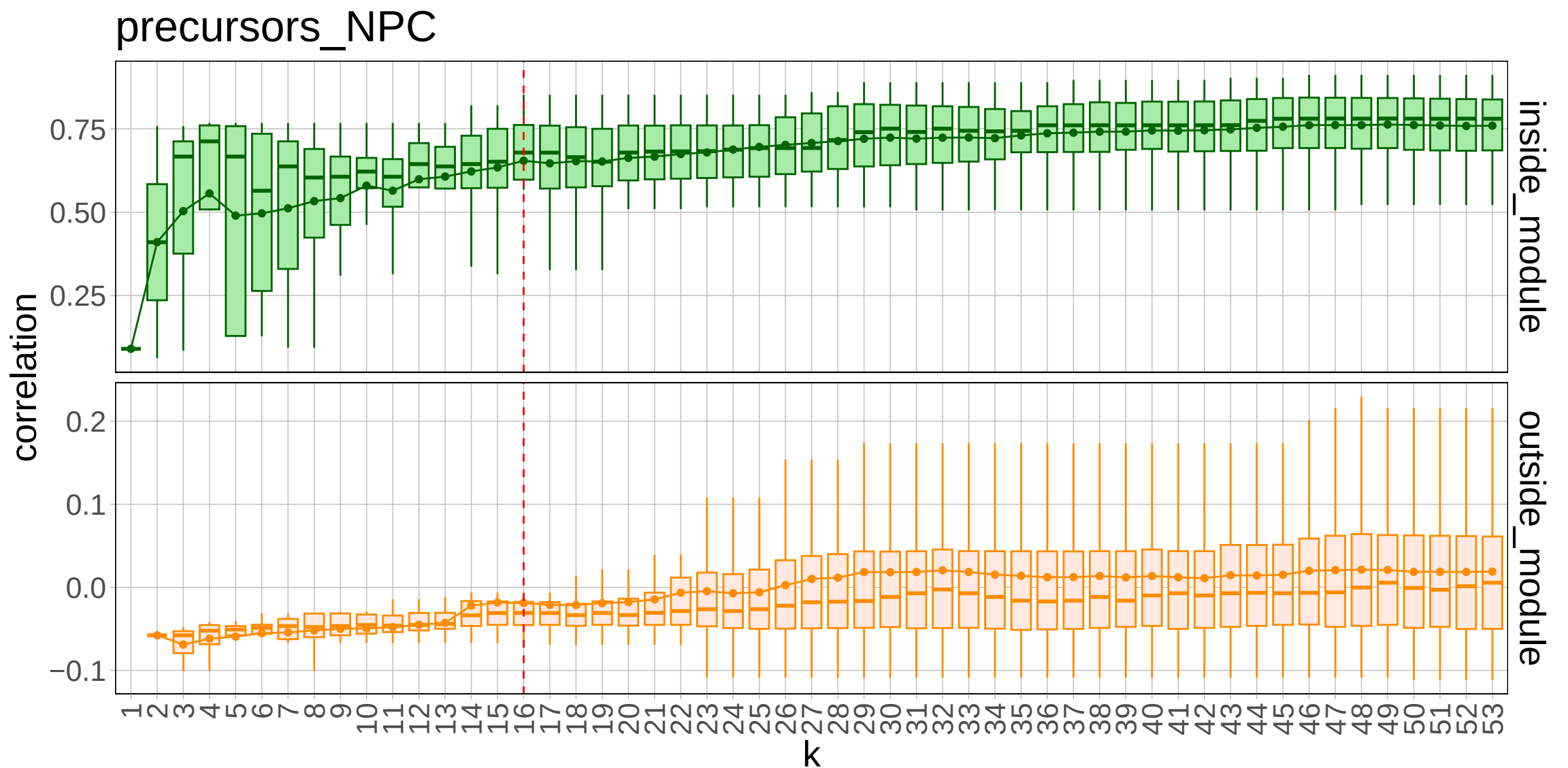

digestive_filaments_3
correlation
inside_module
outside_module
0.8
0.6
0.4
0.2
0.3
0.2
0.1
0.0
−0.1
−0.2
1
2
3
4
5
6
7
8
9
k

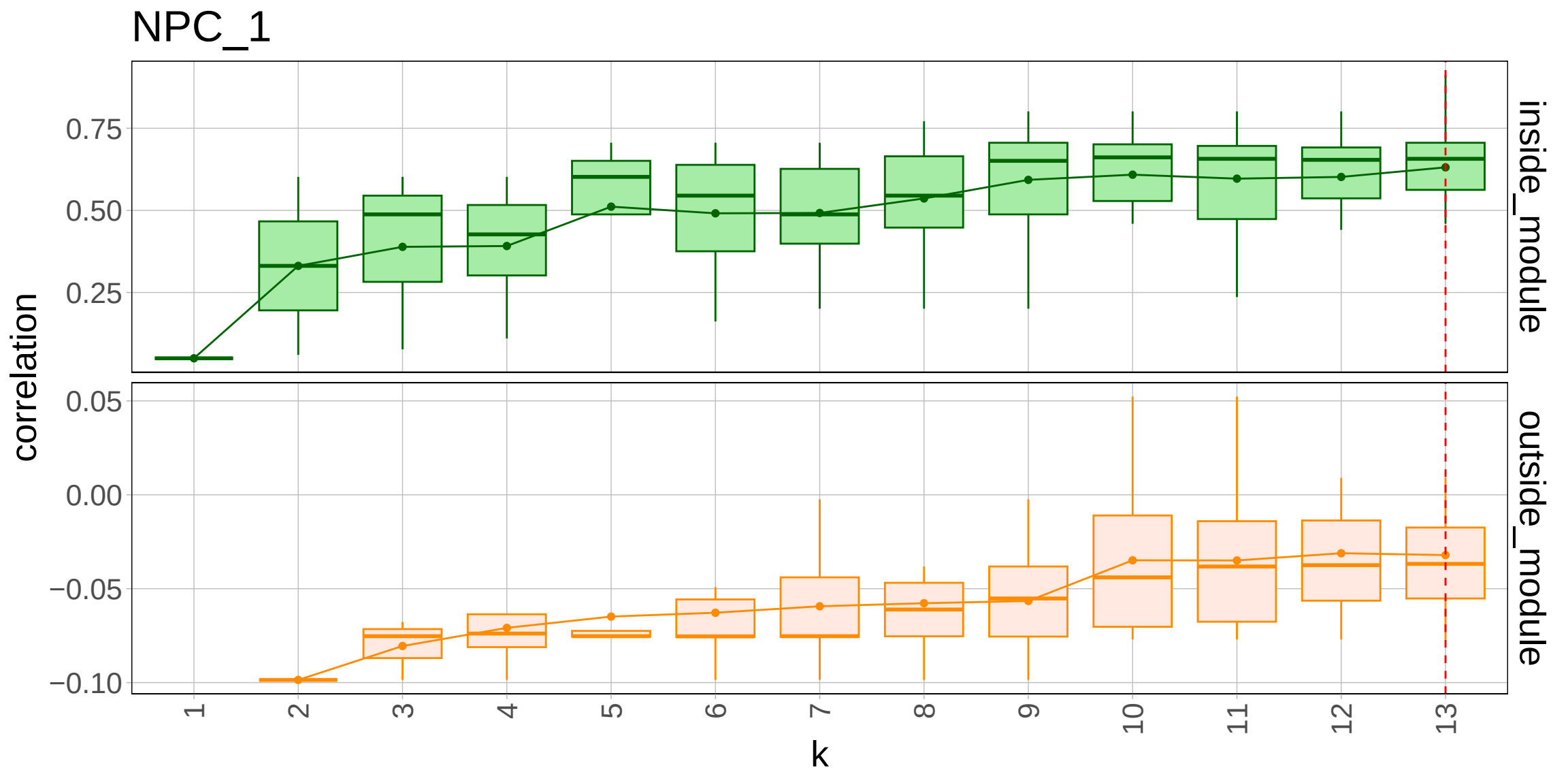

epidermis_1
correlation
inside_module
outside_module
1.00
0.75
0.50
0.25
0.2
0.1
0.0
−0.1
−0.2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
k

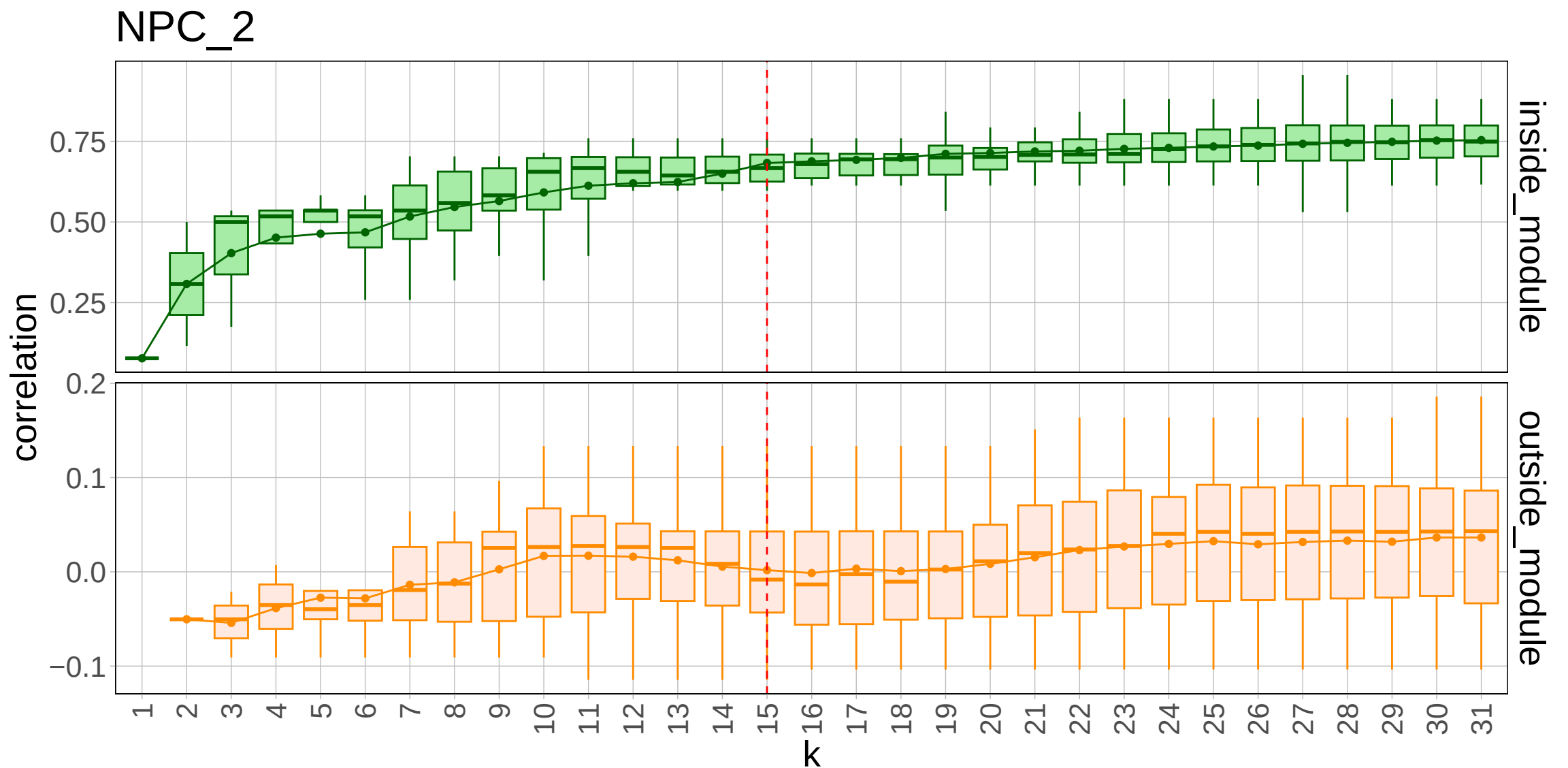

epidermis_2
correlation
0.75
0.50
0.25
inside_module
0.2
0.1
0.0
−0.1
−0.2
outside_module
1
2
3
4
5
6
7
8
9
10
11
12
13
k

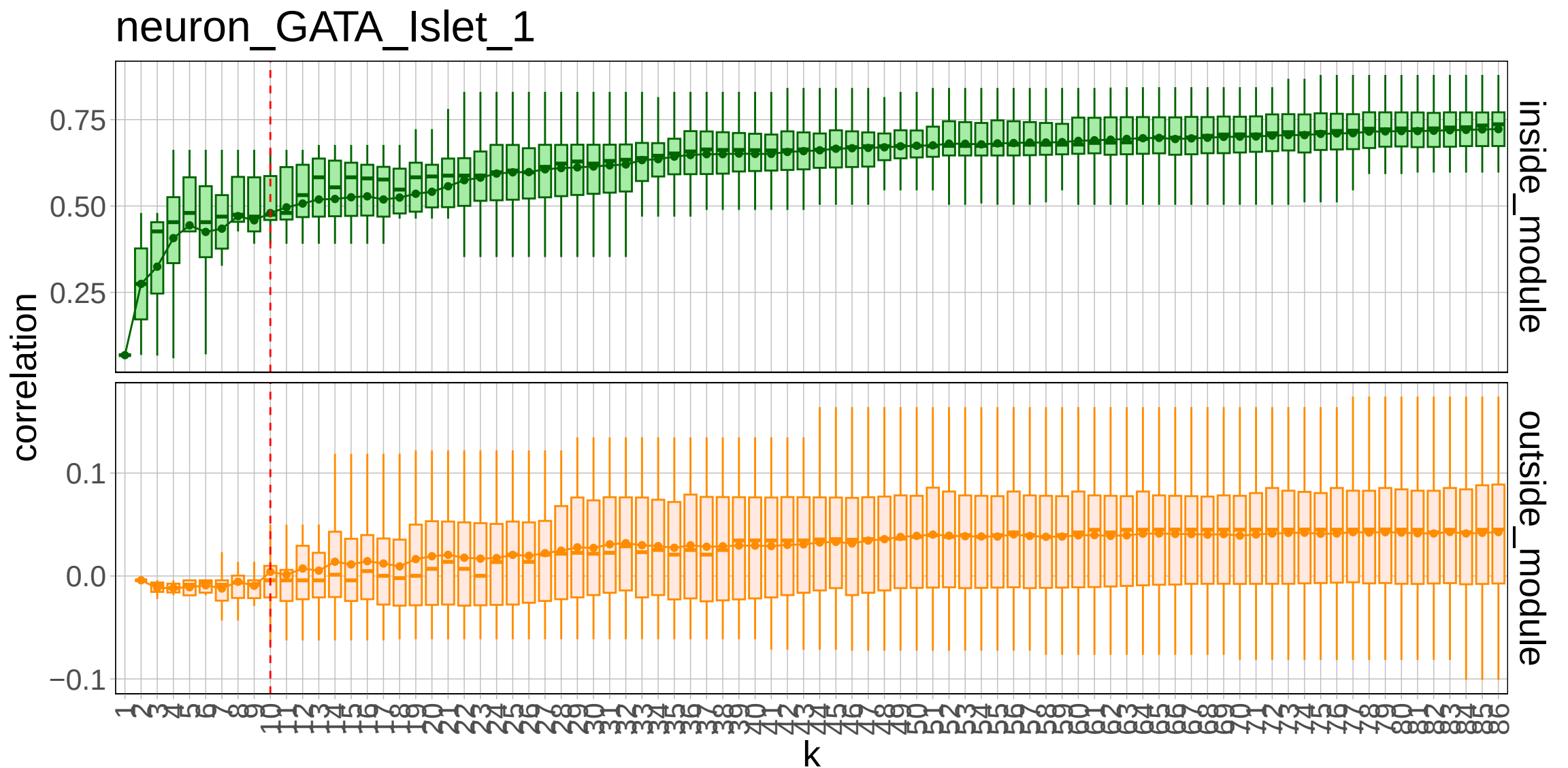

precursors_PGC
correlation
1.0
0.8
0.6
inside_module
−0.650
−0.655
−0.660
−0.665
−0.670
outside_module
1
2
3
k

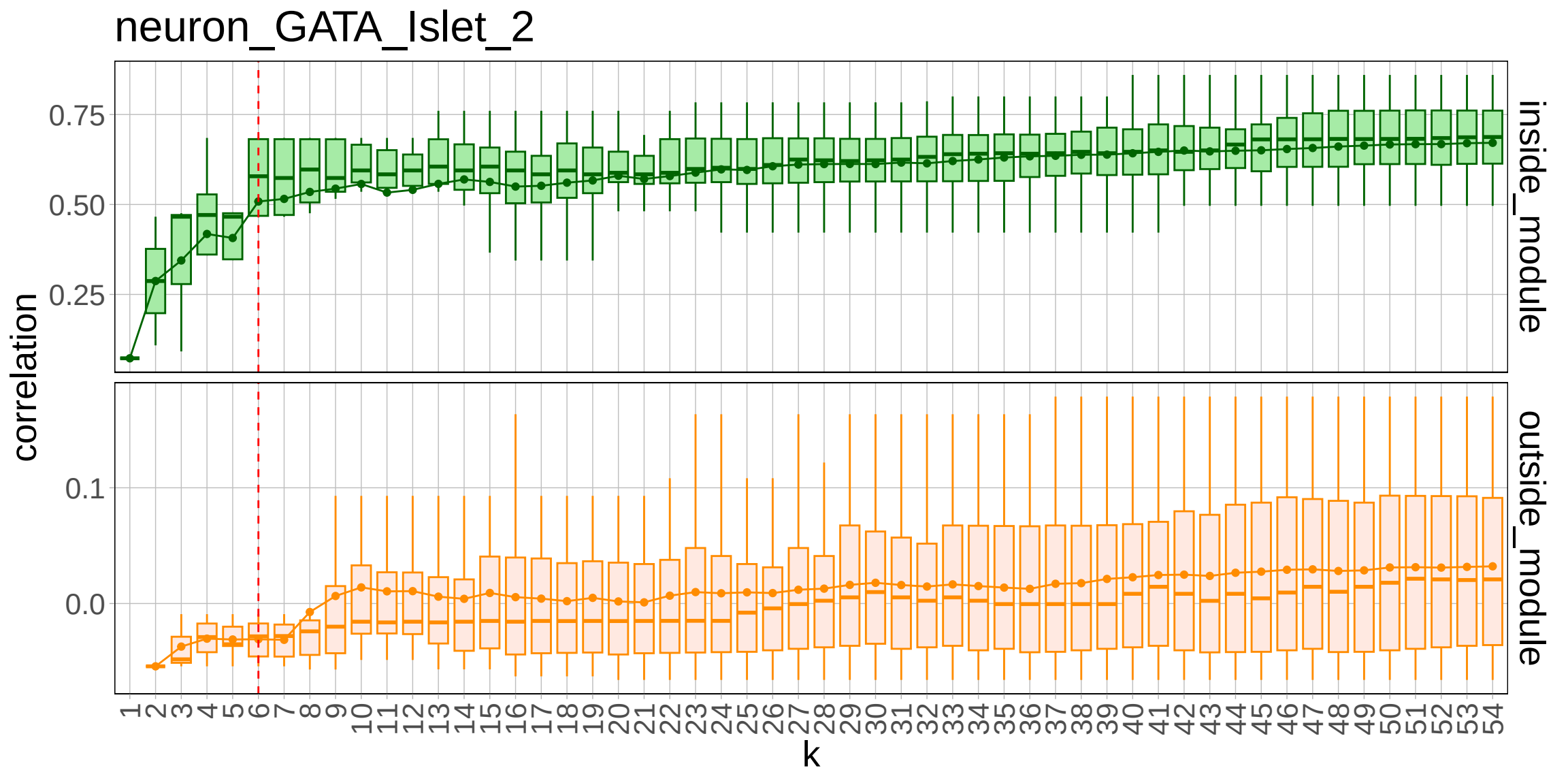

precursors_endoNPC
correlation
inside_module
outside_module
k
1.00
0.75
0.50
0.25
0.2
0.0
−0.2
−0.4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

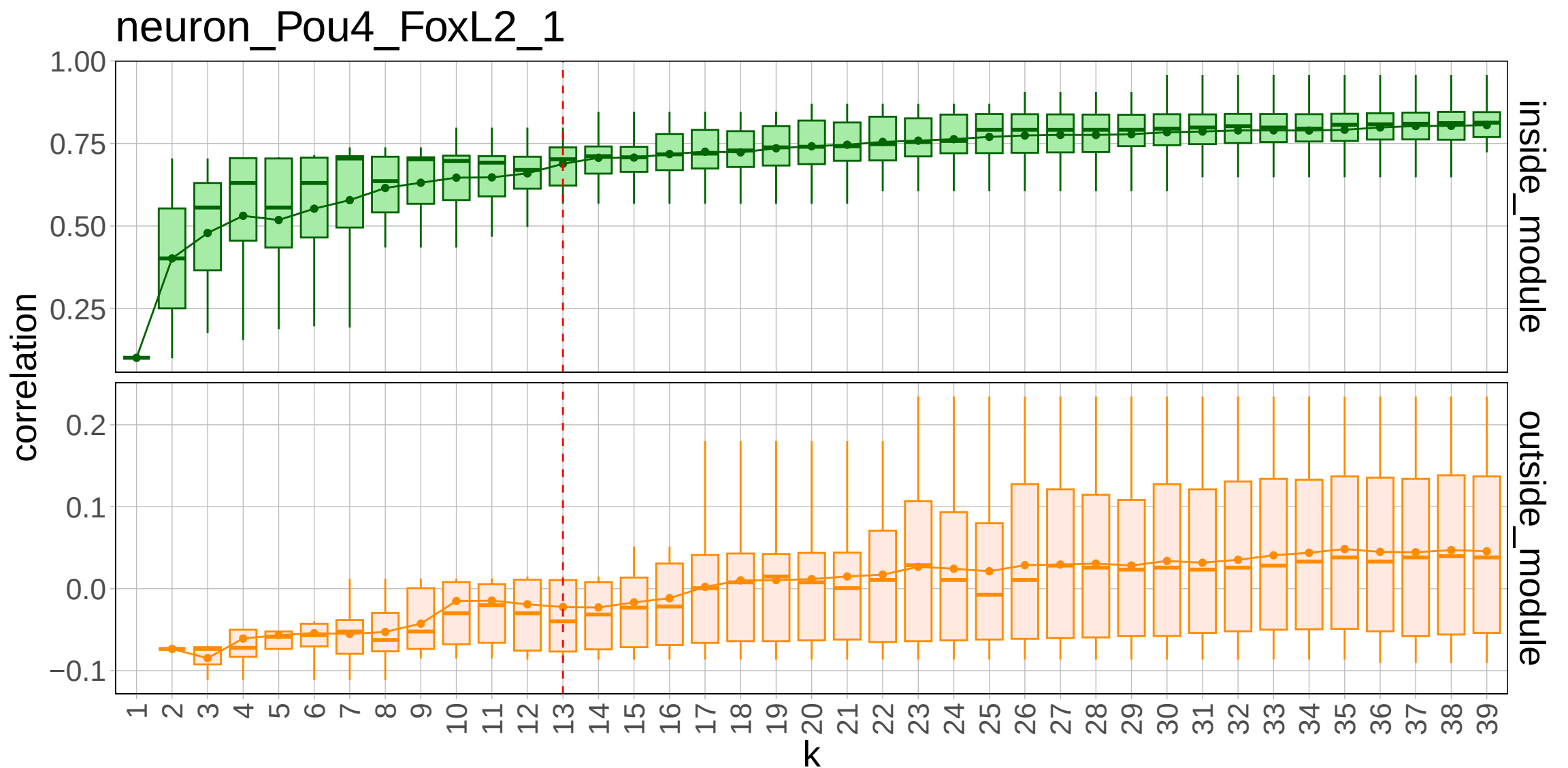

precursors_NPC
correlation
inside_module
outside_module
0.75
0.50
0.25
0.2
0.1
0.0
−0.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53
k

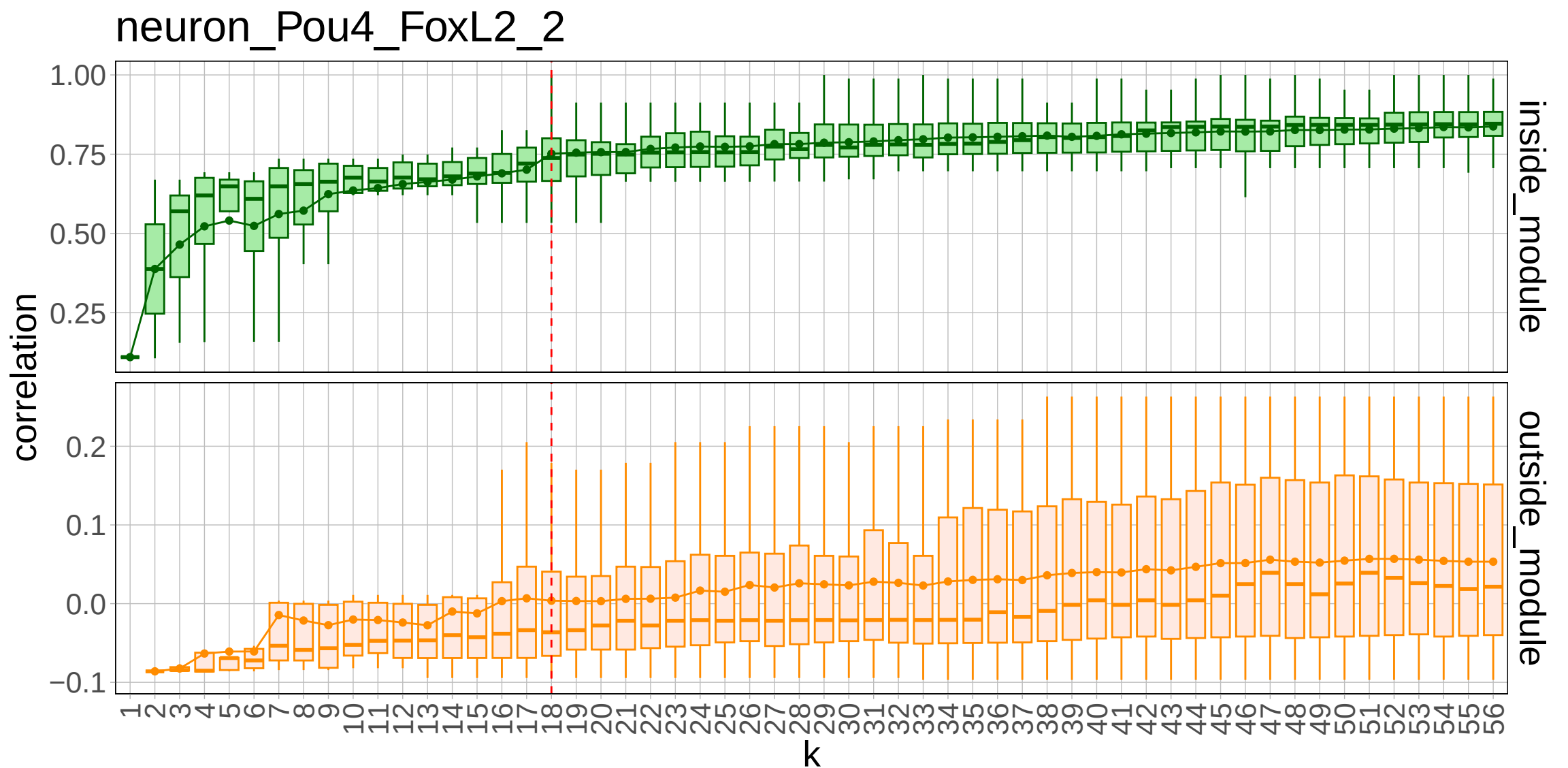

NPC_1
correlation
inside_module
outside_module
0.75
0.50
0.25
0.05
0.00
−0.05
−0.10
1
2
3
4
5
6
7
8
9
10
11
12
13
k

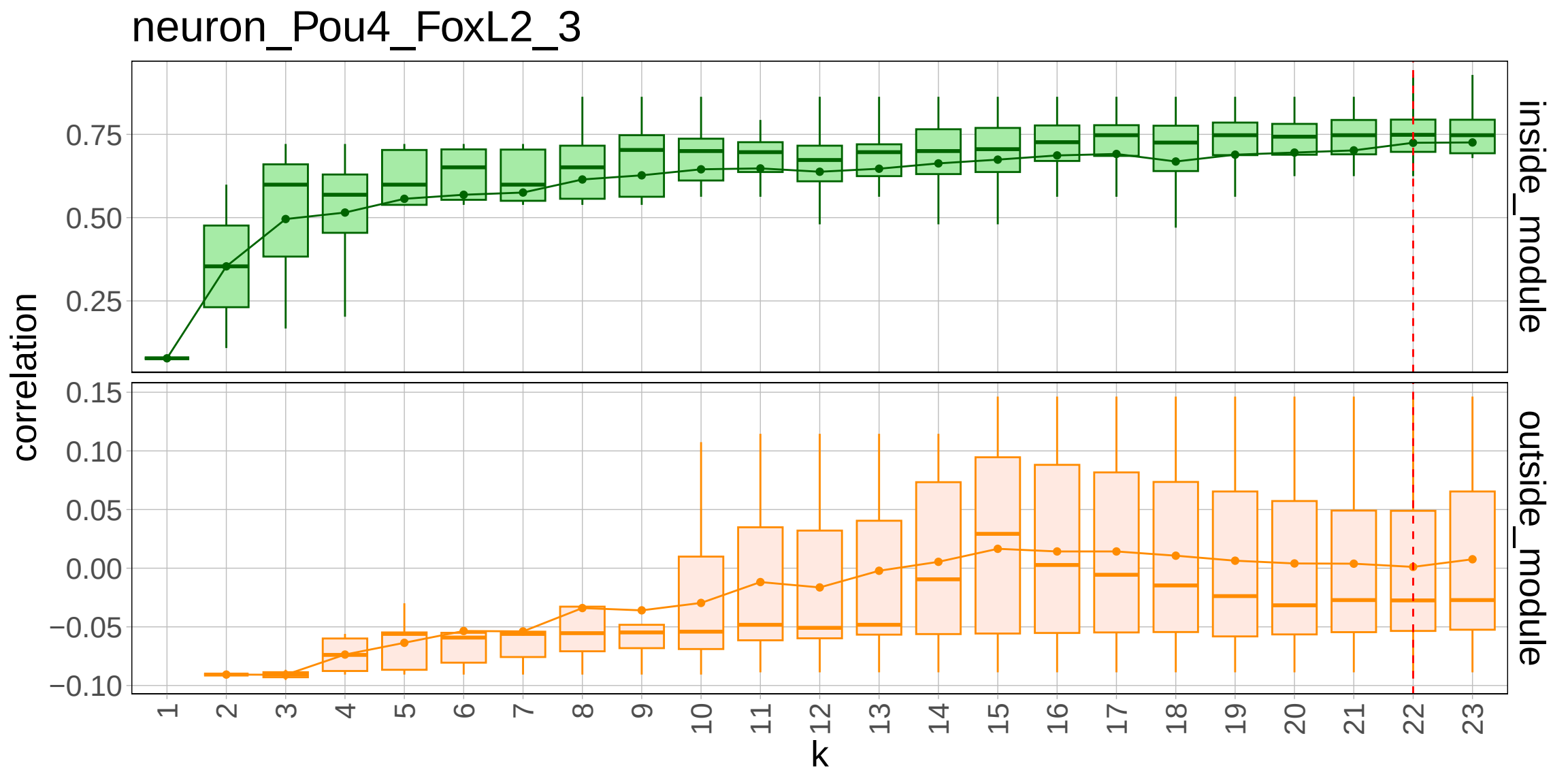

NPC_2
correlation
0.75
0.50
0.25
0.2
0.1
0.0
−0.1
inside_module
outside_module
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
k

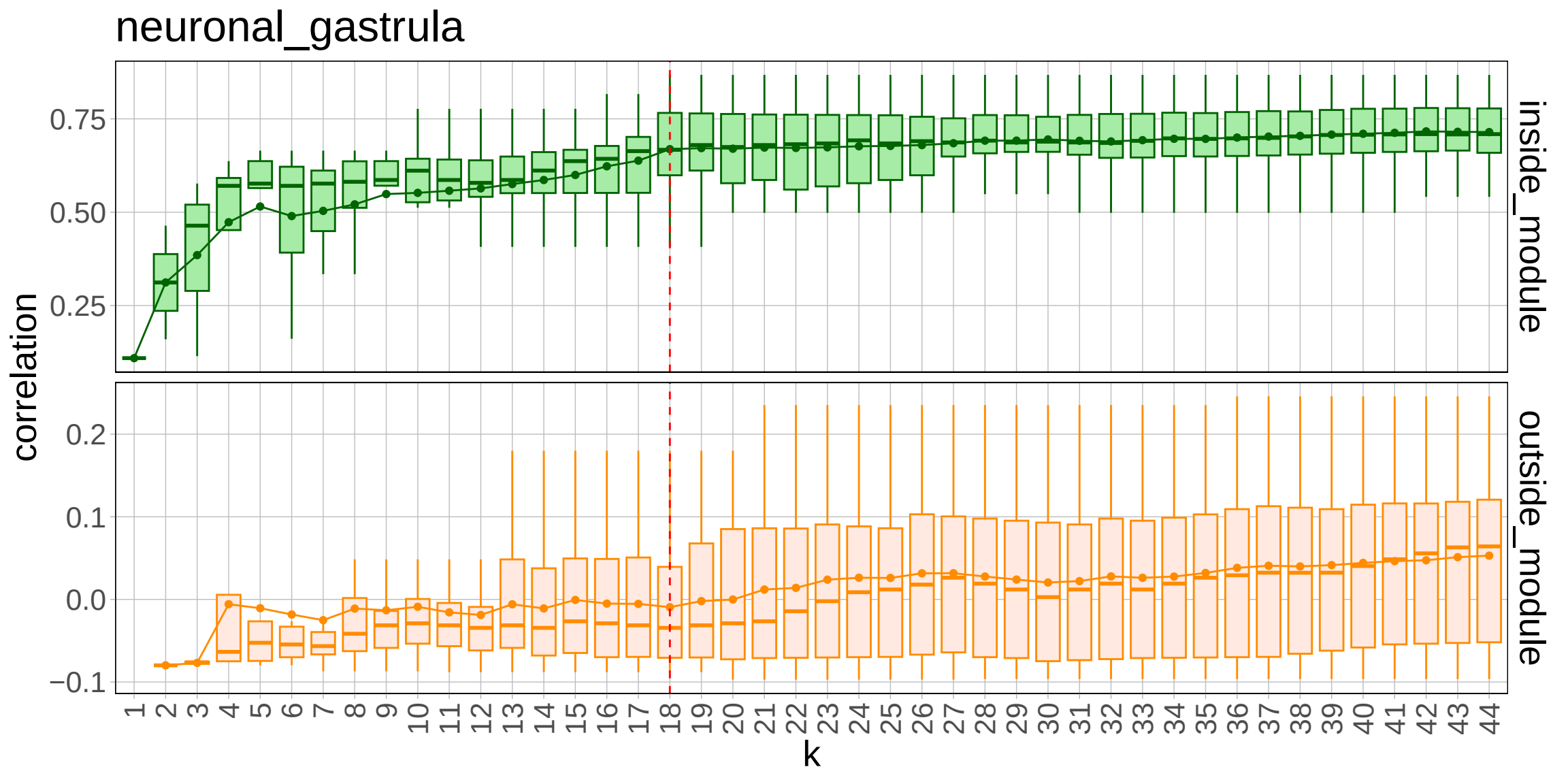

neuron_GATA_Islet_1
correlation
0.75
0.50
0.25
0.1
0.0
−0.1
inside_module
outside_module
k

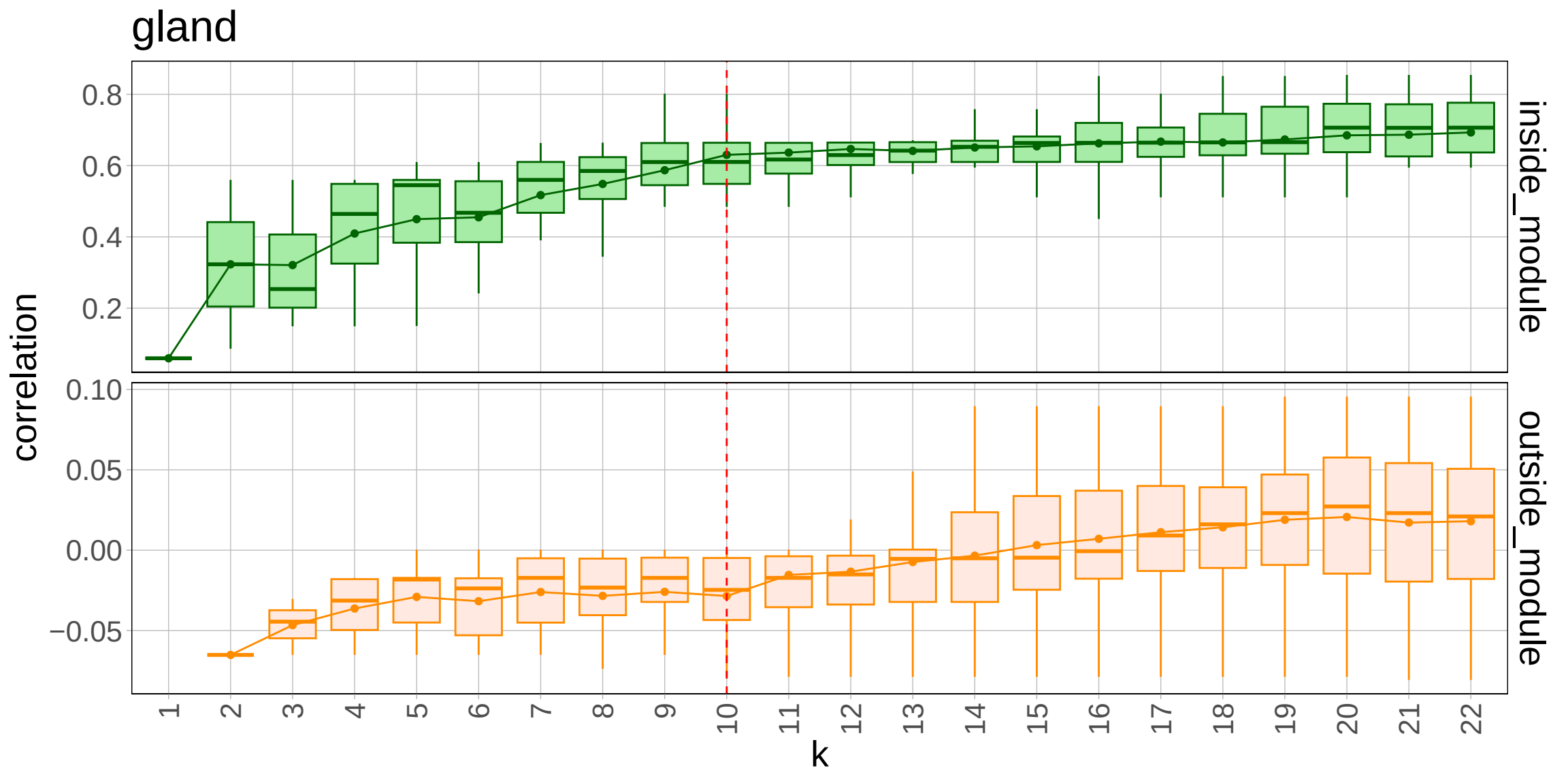

neuron_GATA_Islet_2
correlation
0.75
0.50
0.25
0.1
0.0
inside_module
outside_module
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
k

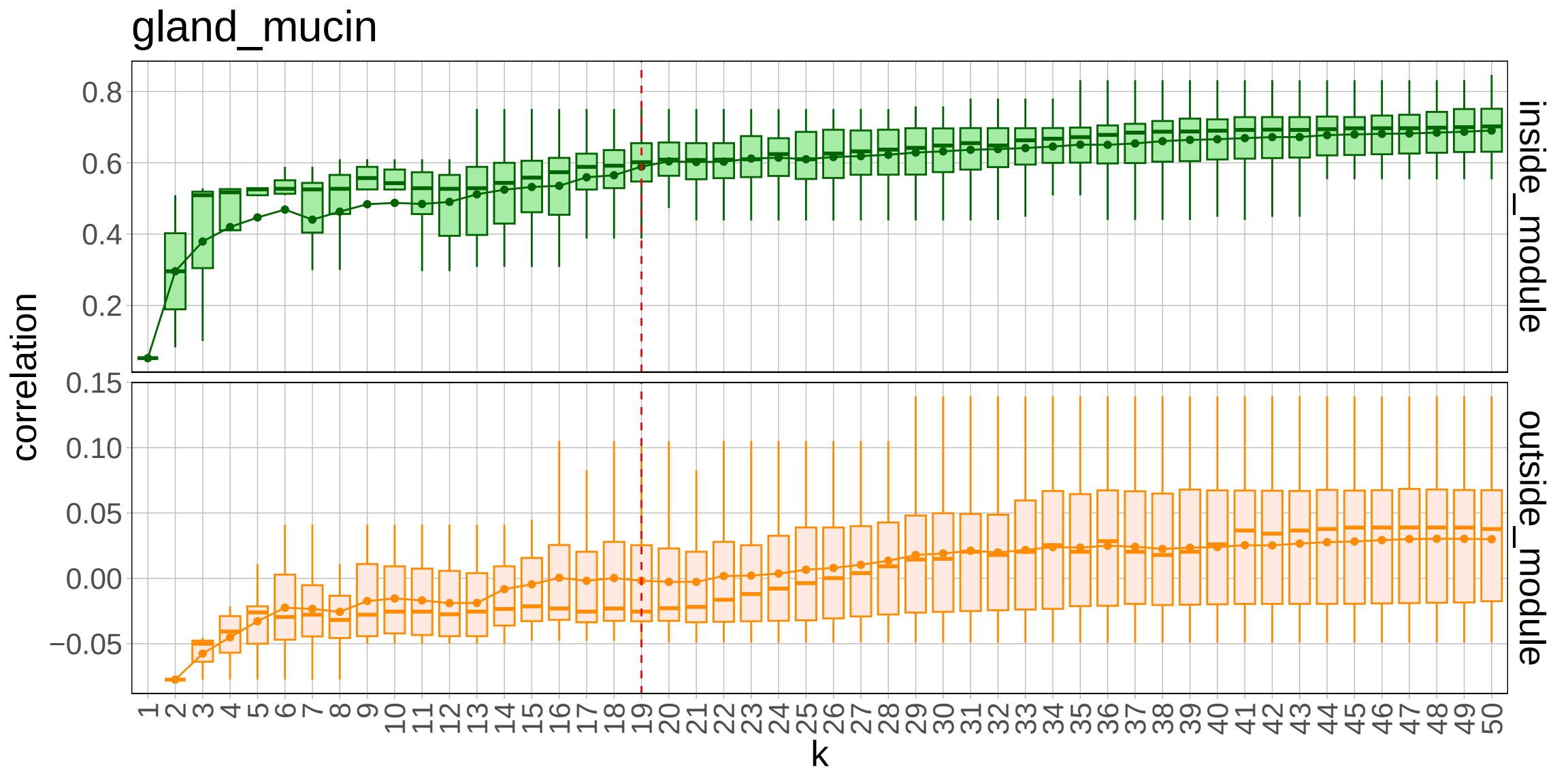

neuron_Pou4_FoxL2_1
correlation
inside_module
outside_module
k
1.00
0.75
0.50
0.25
0.2
0.1
0.0
−0.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39


neuron_Pou4_FoxL2_2
correlation
inside_module
outside_module
1.00
0.75
0.50
0.25
0.2
0.1
0.0
−0.1
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 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56
k


neuron_Pou4_FoxL2_3
correlation
inside_module
outside_module
0.75
0.50
0.25
0.15
0.10
0.05
0.00
−0.05
−0.10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
k


neuronal_gastrula
correlation
inside_module
outside_module
0.75
0.50
0.25
0.2
0.1
0.0
−0.1
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 31 32 33 34 35 36 37 38 39 40 41 42 43 44
k


gland
correlation
inside_module
outside_module
0.8
0.6
0.4
0.2
0.10
0.05
0.00
−0.05
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
k


gland_mucin
correlation
inside_module
outside_module
0.8
0.6
0.4
0.2
0.15
0.10
0.05
0.00
−0.05
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 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
k