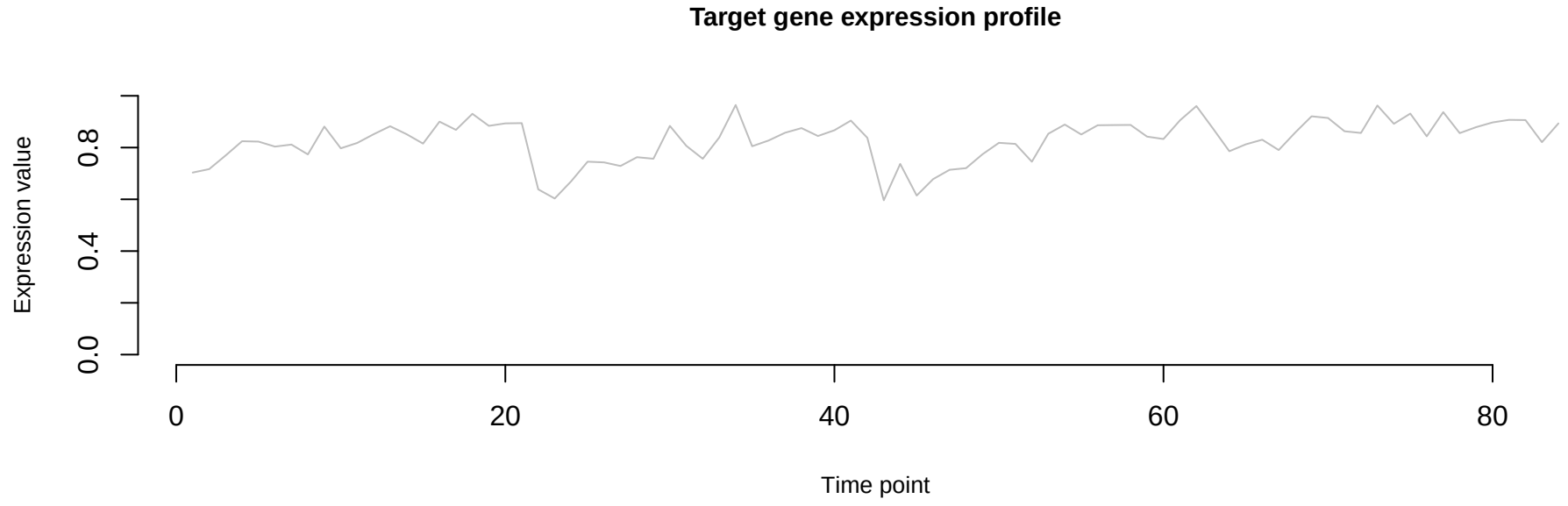
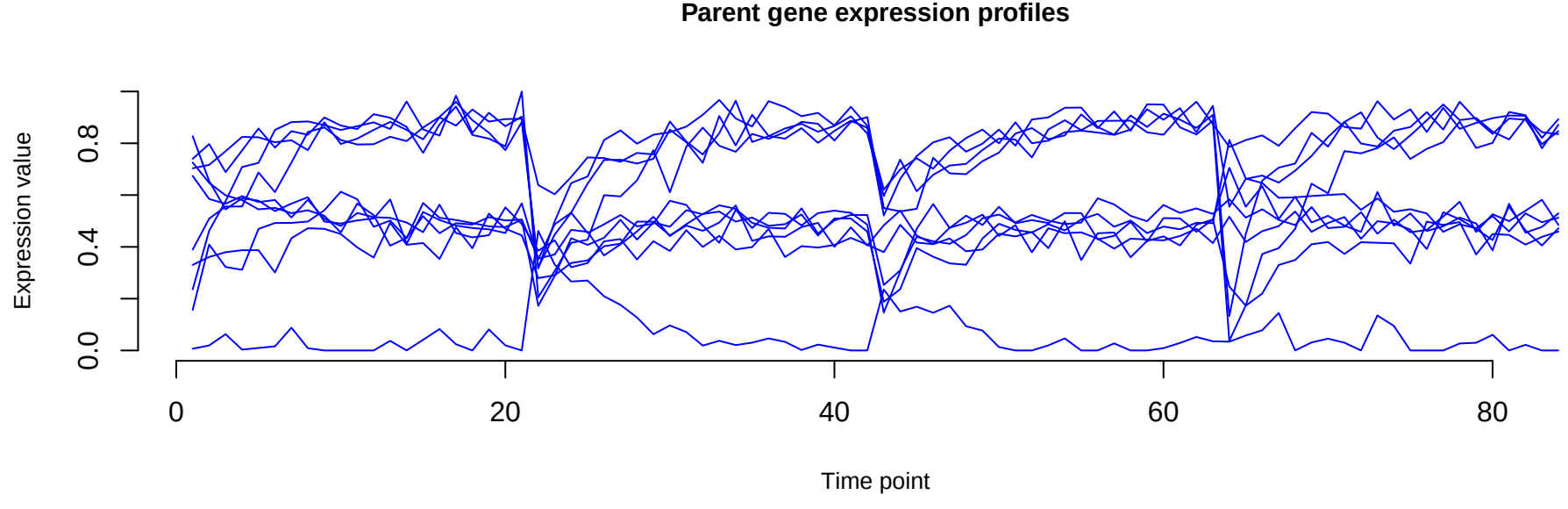
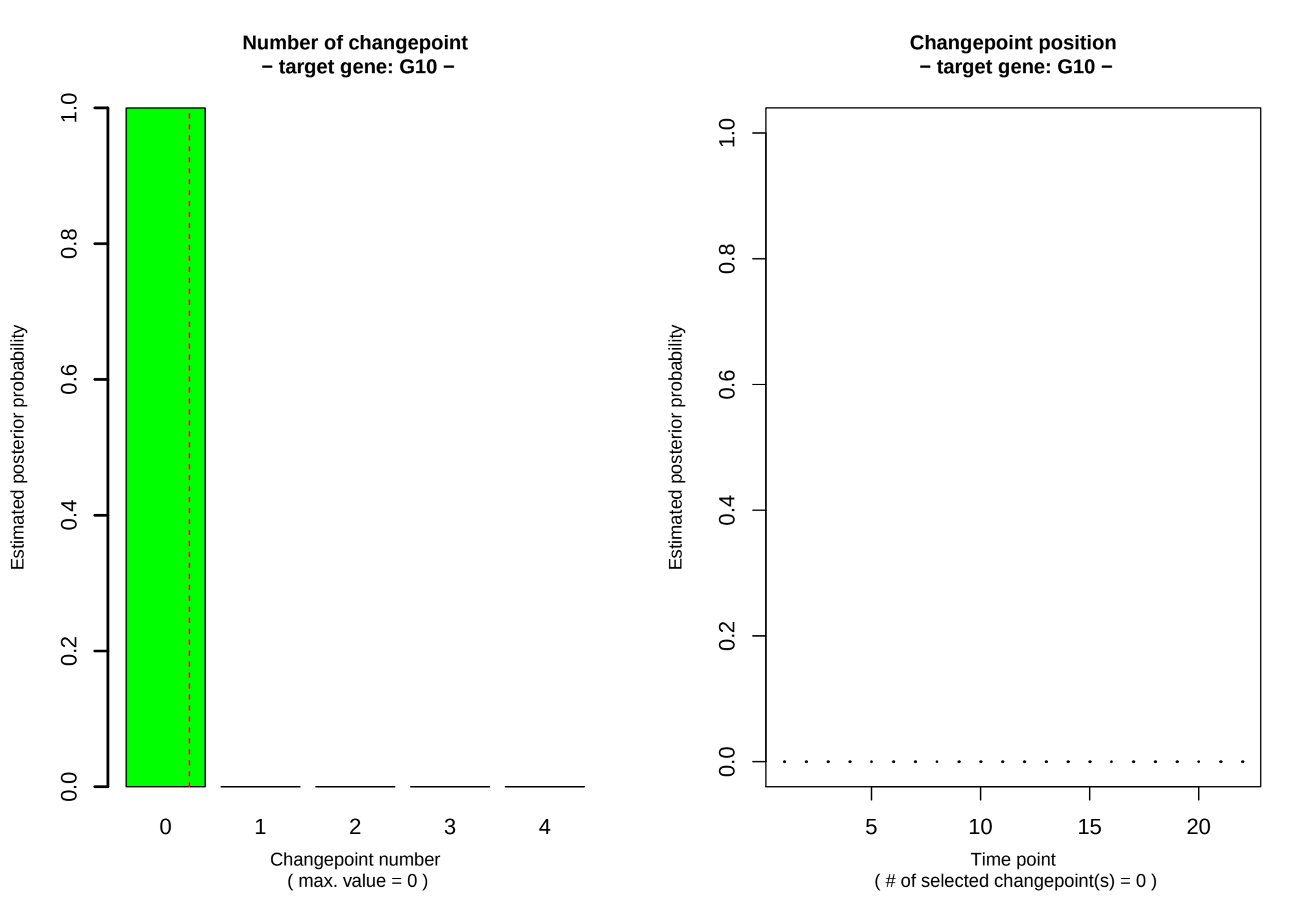
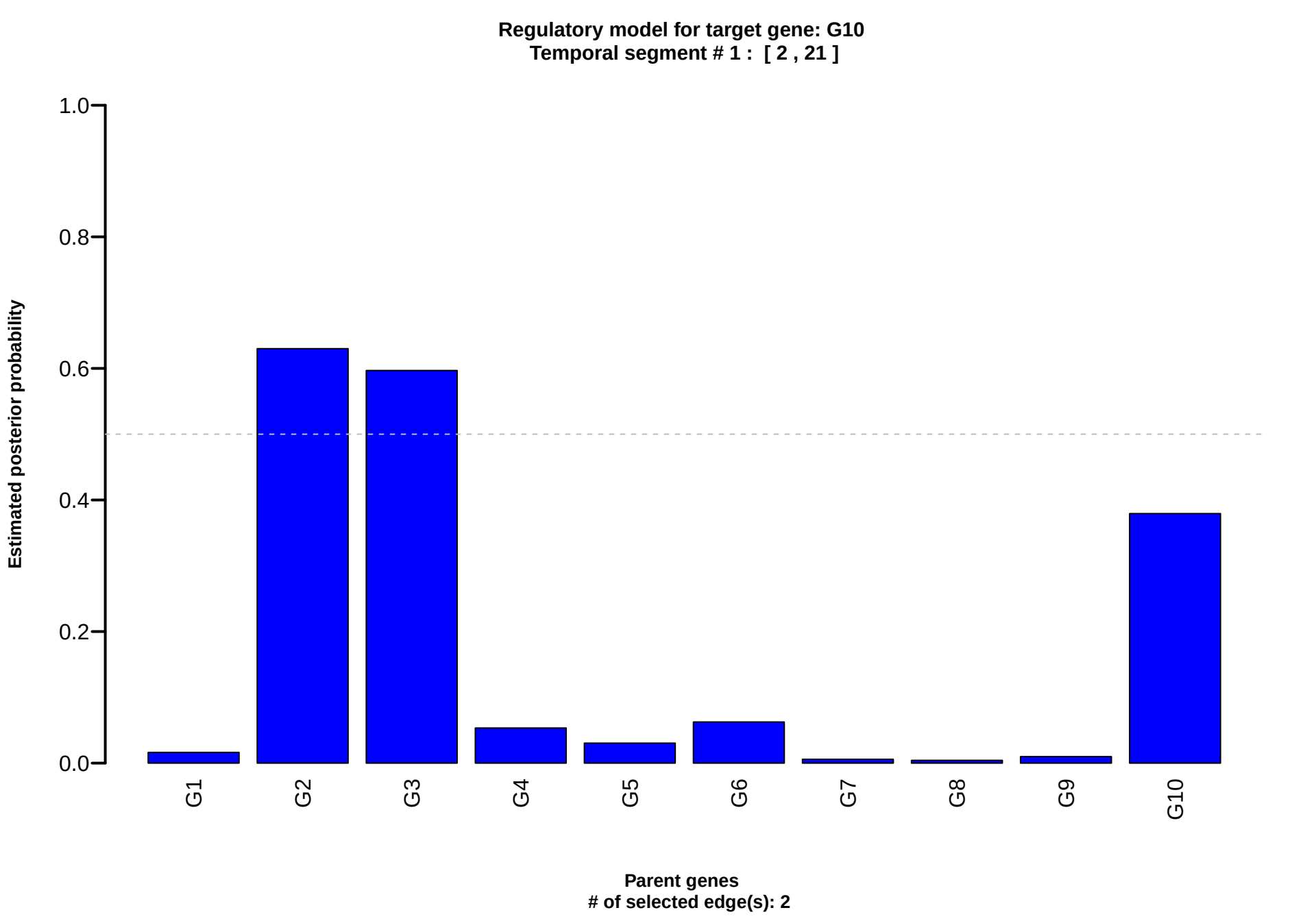
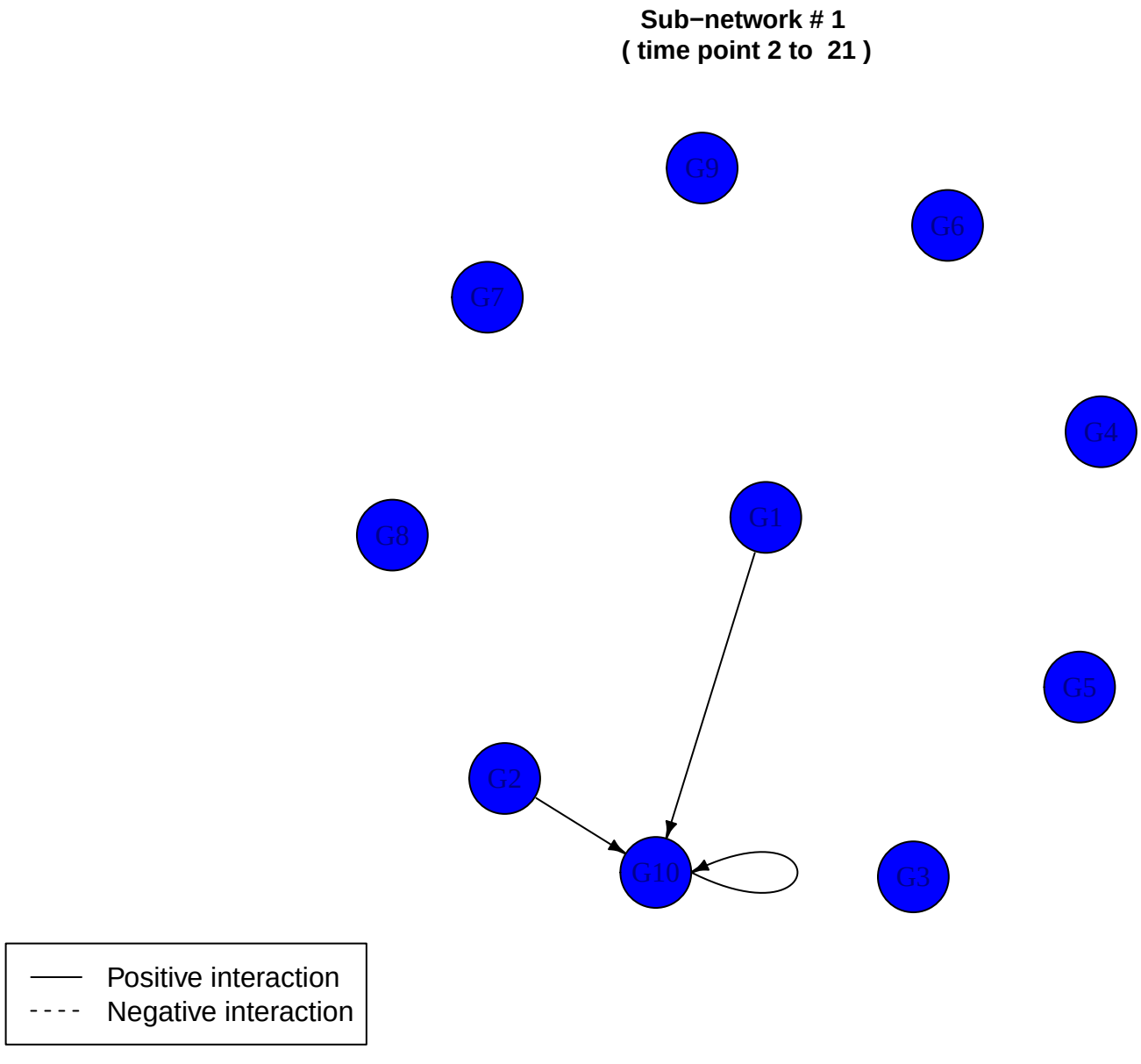

Target gene expression profile
Expression value
0.0
0.4
0.8
0
20
40
60
80
Time point


Parent gene expression profiles
Expression value
0.0
0.4
0.8
0
20
40
60
80
Time point


Number of changepoint
− target gene: G10 −
Estimated posterior probability
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
Changepoint number
(max. value = 0)
Changepoint position
− target gene: G10 −
Estimated posterior probability
0.0
0.2
0.4
0.6
0.8
1.0
5
10
15
20
Time point
(# of selected changepoint(s) = 0)


Regulatory model for target gene: G10
Temporal segment # 1 : [2 , 21]
Estimated posterior probability
1.0
0.8
0.6
0.4
0.2
0.0
G1
G2
G3
G4
G5
G6
G7
G8
G9
G10
Parent genes
# of selected edge(s): 2


Sub−network # 1
(time point 2 to 21)
G9
G6
G7
G4
G8
G1
G5
G2
G10
G3
Positive interaction
Negative interaction

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
3	1	0.63	2	21	+
4	1	0.5968	2	21	+