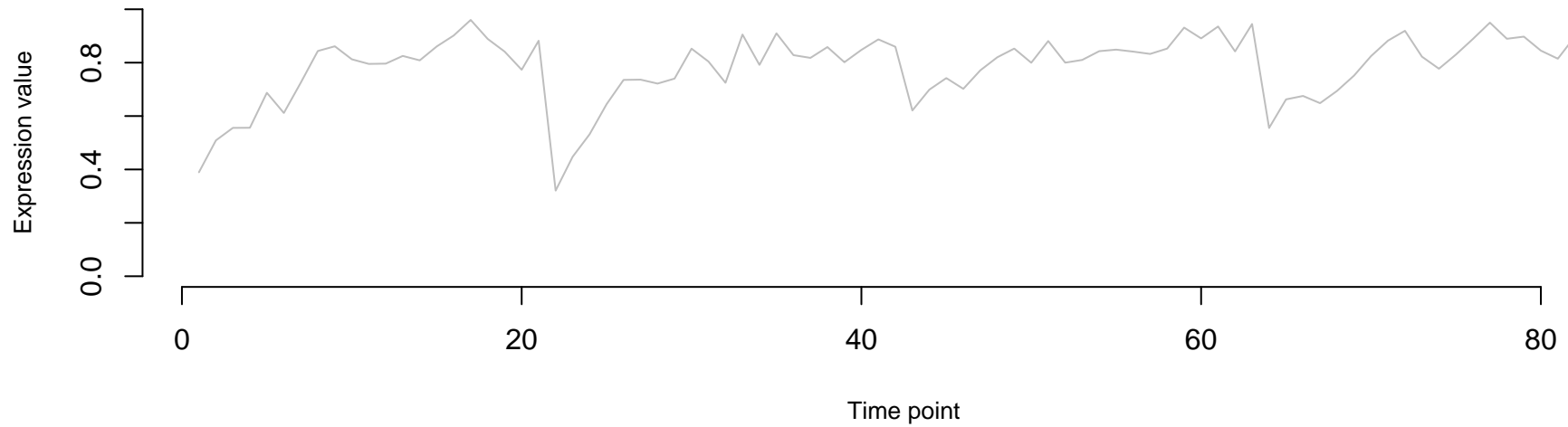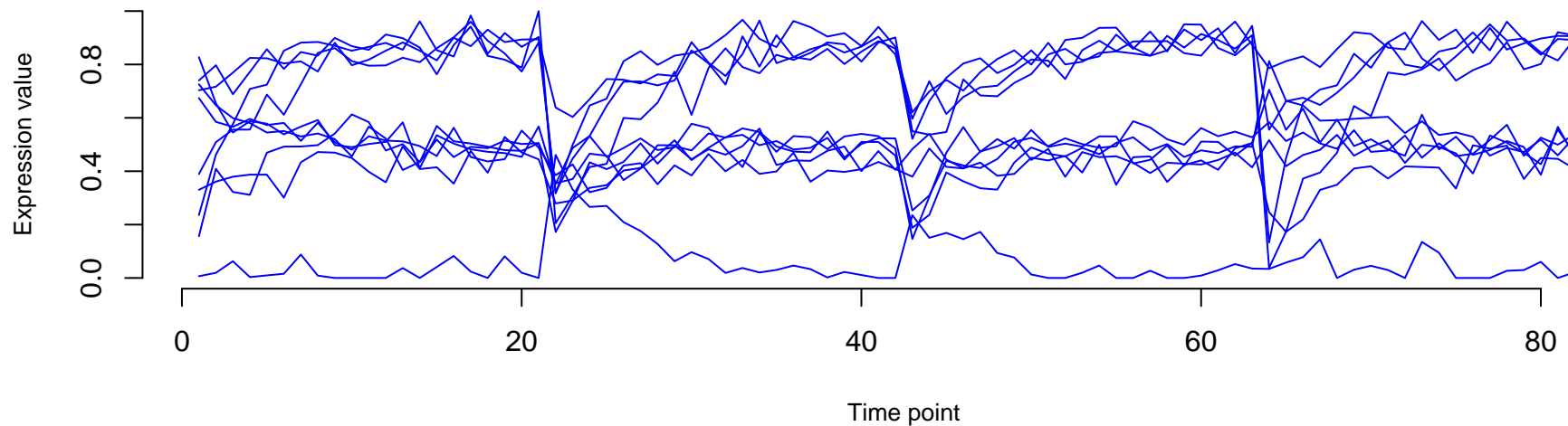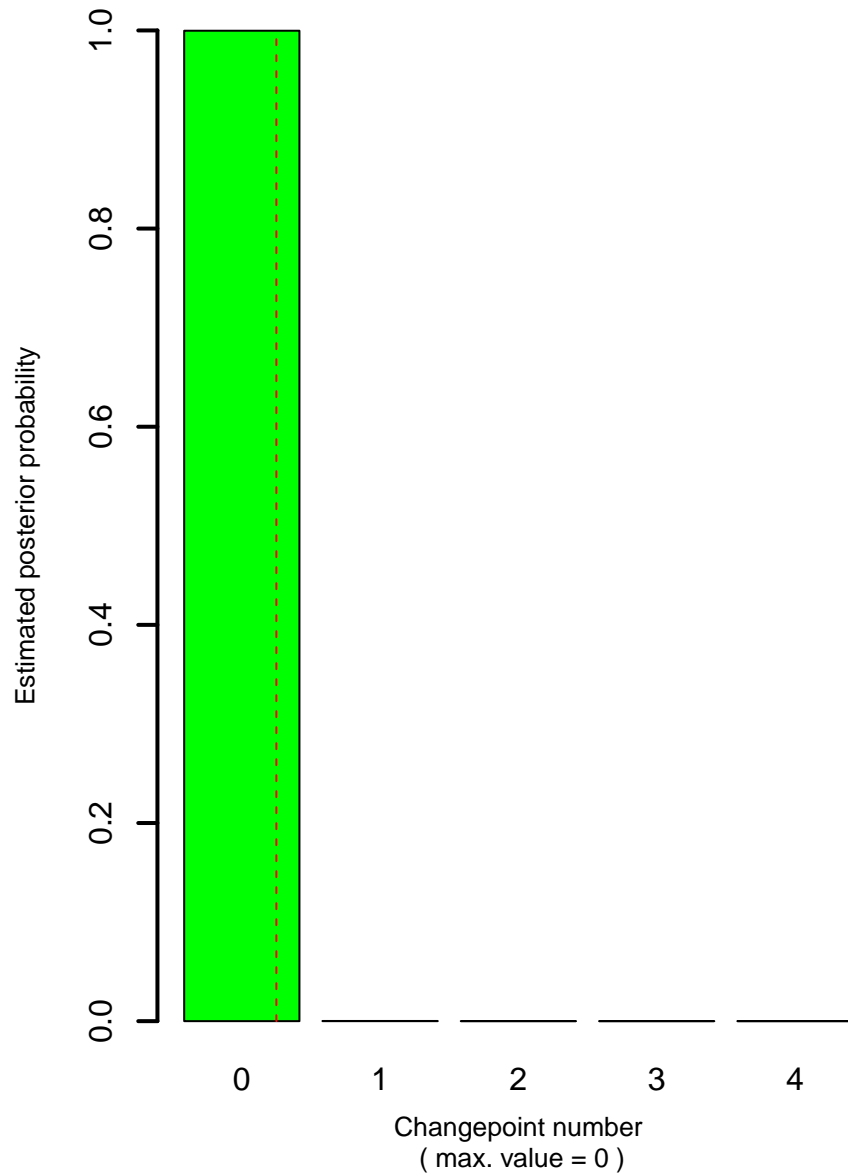**Target gene expression profile**
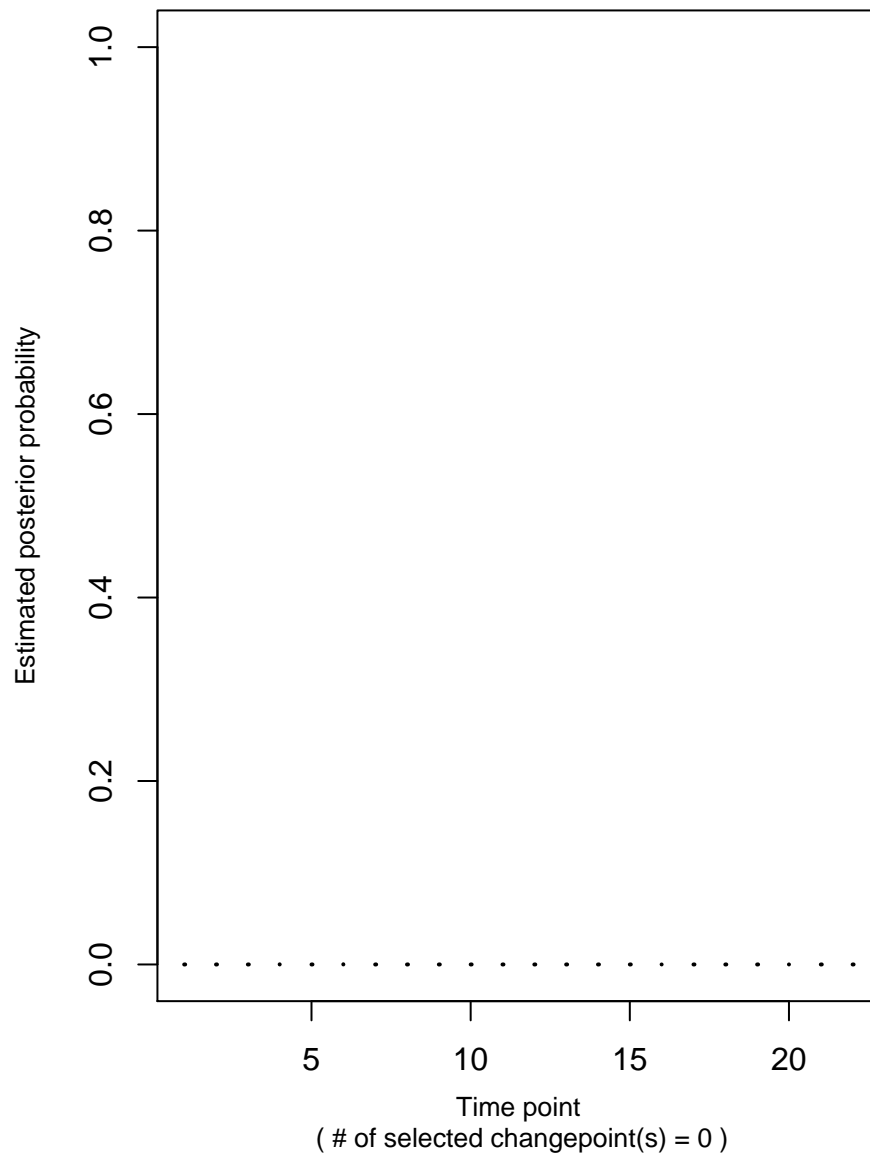
Parent gene expression profiles
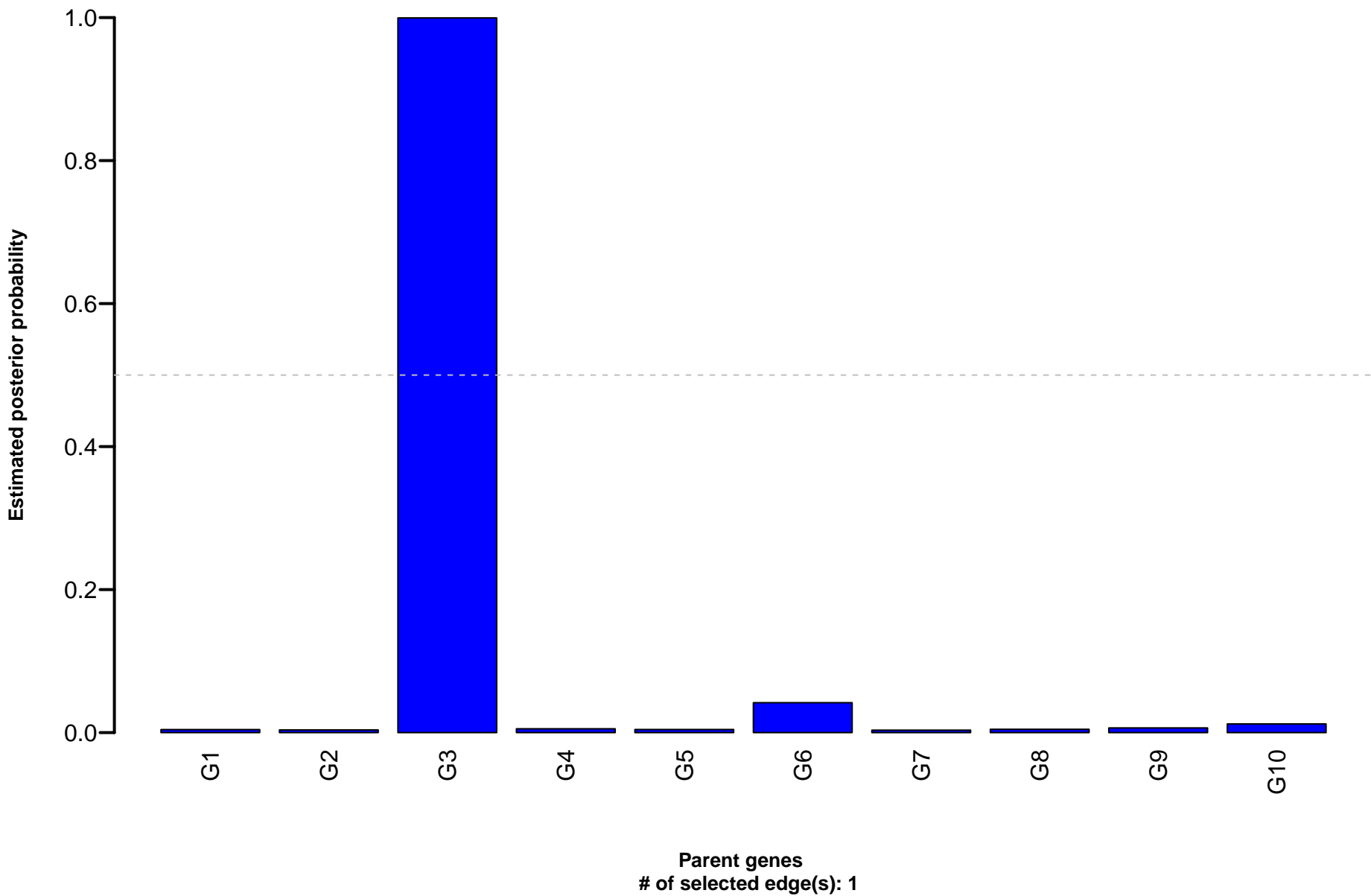
Number of changepoint
– target gene: G3 –

Changepoint position
– target gene: G3 –

Estimated posterior probability

Changepoint number
(max. value = 0)

Estimated posterior probability

Time point
(# of selected changepoint(s) = 0)

Regulatory model for target gene: G3
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): 1

Sub−network # 1
(time point 2 to 21)
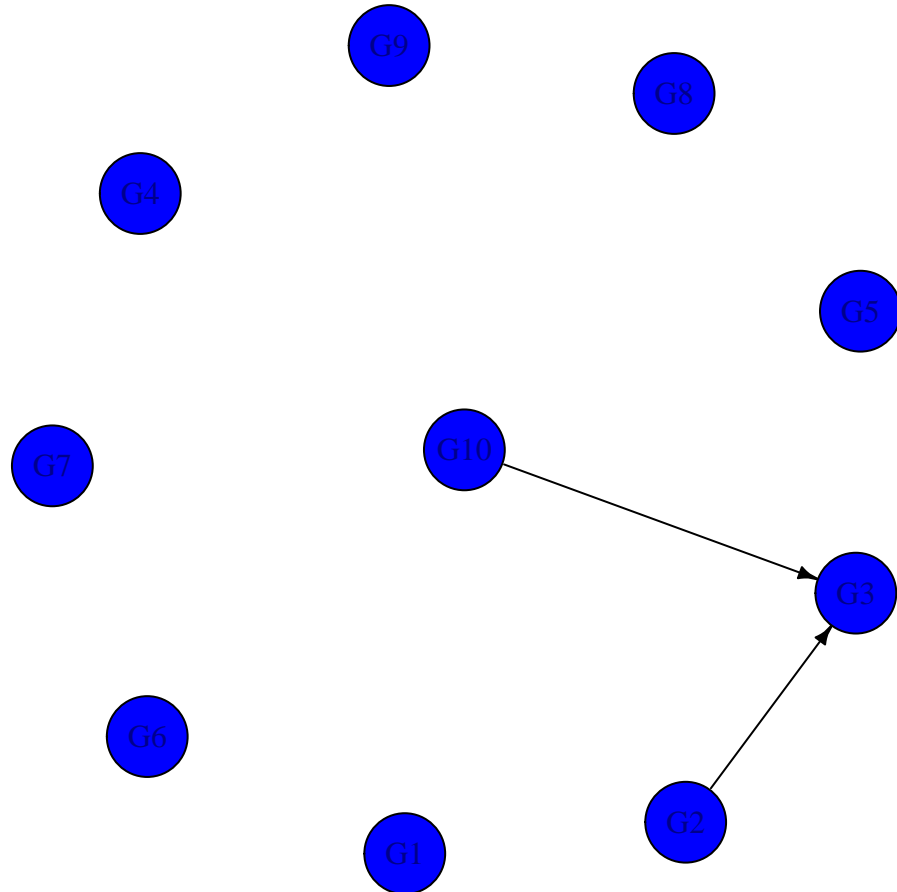
ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
4	1	0.9995	2	21	+