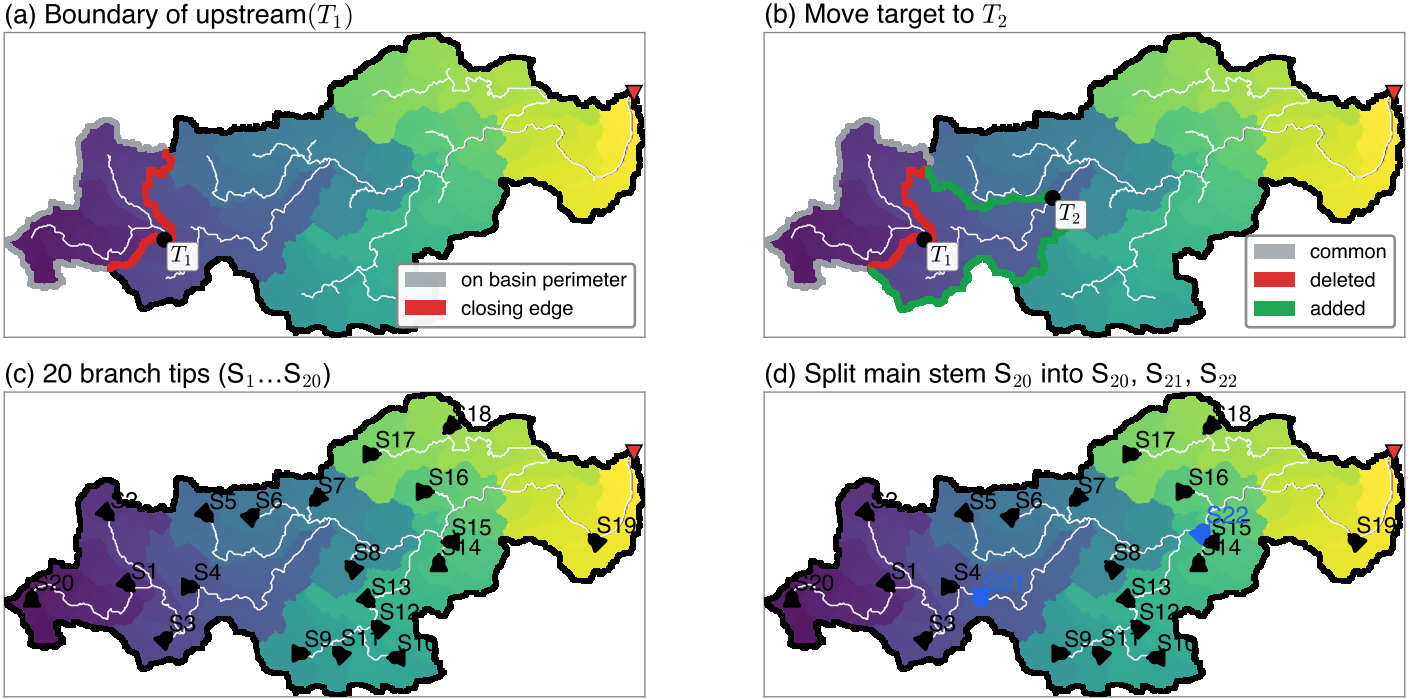

(a) Boundary of upstream(T_1)
T_1
on basin perimeter
closing edge
(b) Move target to T_2
T_2
T_1
common
deleted
added
(c) 20 branch tips (S_1…S_{20})
S18
S17
S16
S7
S5
S6
S15
S19
S14
S8
S1
S4
S20
S13
S12
S3
S9
S11
S10
(d) Split main stem S_{20} into S_{20}, S_{21}, S_{22}
S18
S17
S16
S22
S7
S5
S6
S15
S19
S14
S8
S1
S4
S21
S20
S13
S12
S3
S9
S11
S10