Step 1

DT: NDVI September 2000
(above 4000 m a.s.l.)

NDVI

1

0

NDVI ge $t_{HAWA(gt)}$ → HAWA

NDVI ge $t_{Gra(gt)}$ → Gra

NDVI ge $t_{Shr(gt)}$ → Shr

NDVI ge $t_{B\&S(gt)}$ → B&S

DT: NDVI May 2001
(above 4000 m a.s.l.)

NDVI

1

0

NDVI ge $t_{HAWA(gt)}$ → HAWA

NDVI ge $t_{Gra(gt)}$ → Gra

NDVI ge $t_{Shr(gt)}$ → Shr

NDVI ge $t_{B\&S(gt)}$ → B&S

Step 2

$HAWA_P$

$HAWA_T$

Gra

Shr

B&S

Step 3 NDII May 2001

NDII ge t_{HAWA} → $HAWA_{P,tf}$ → $HAWA_{P,nf}$

NDII ge t_{HAWA} → $HAWA_{T,tf}$ → $HAWA_{T,nf}$
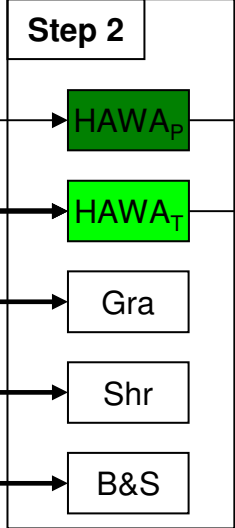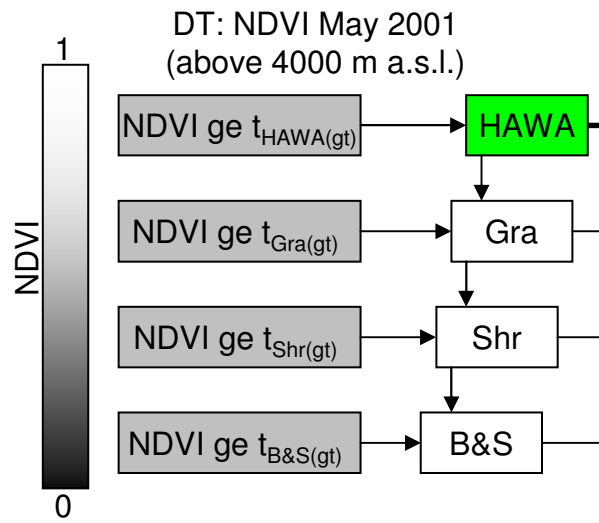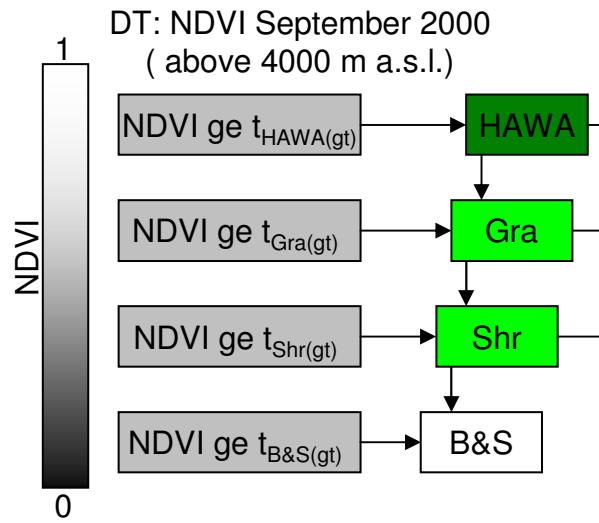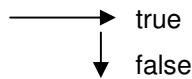
Legend

NDVI ge $t_{HAWA(gt)}$ decision rule:
greater or equal (ge) threshold (t)

→ true

↓ false

Gra   HAWA   land cover class (if light green coloured:
same pixel but different land cover classes
in 2000 and 2001 representing $HAWA_T$)