Partitioned Plots

The purpose of this information is to know if there is a border line crossing the plot independent of the kind of borderline and the treatment by the NFI. This information can be delivered by almost all countries. Variable Name: Is_partitioning_plot: yes or no.

Handling of partitioned plots:

Two different systems are distinguished:
1. NFIs using point decisions
2. NFIs using plot shares

For case 1 there is no further treatment of partitioned plots necessary additional to the information in Is_partitioning_plot.

For case 2 an adjustment of the density value (e.g. basal area per ha) is necessary. The basal area per ha is divided by the share of the partitioned plot. The variable Is_forest_plot has to be set to 1 for plot centers within forest, and to 0 for plot centers outside forest; for plots with center within the domain for basal area estimation, basal area has to be adjusted by the above mentioned procedure to get the "represented basal area per ha forest", and for plots with center outside the domain for basal area estimation, the variable basal_area is set to 0.
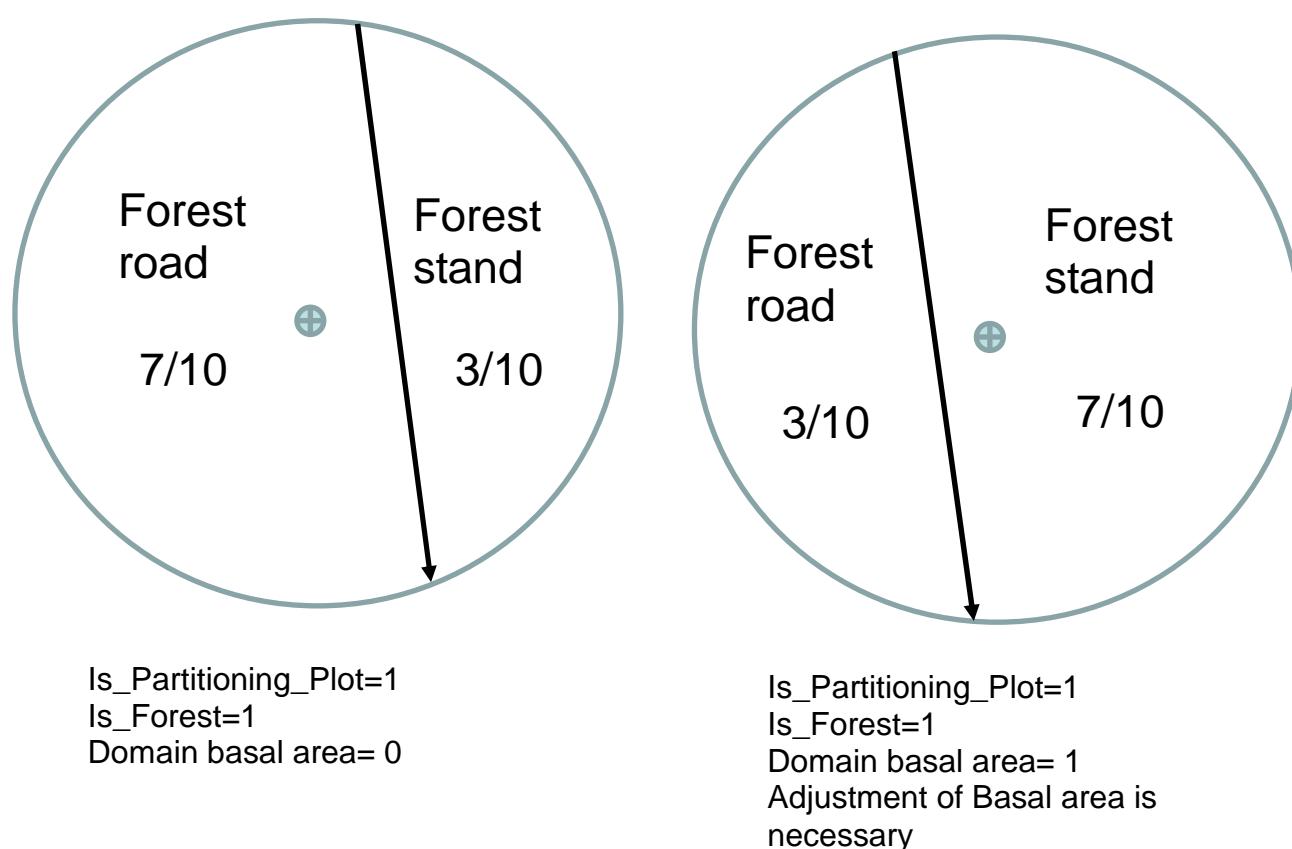
Forest road 7/10 — Forest stand 3/10

Is_Partitioning_Plot=1
Is_Forest=1
Domain basal area= 0

Forest road 3/10 — Forest stand 7/10

Is_Partitioning_Plot=1
Is_Forest=1
Domain basal area= 1
Adjustment of Basal area is necessary

Figure: special case of plot partitioning for domain basal_area