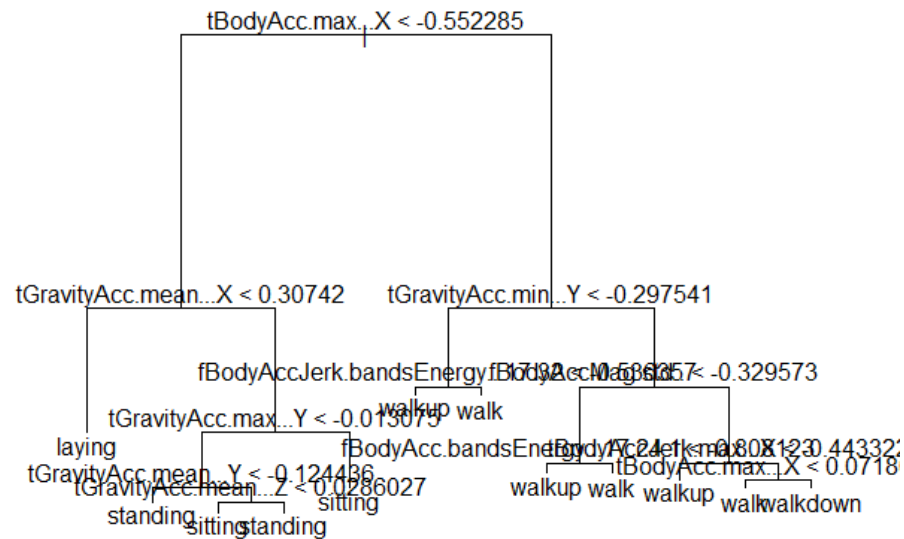


**Figure 1** displays the Classification Tree from a Tree model built to predict the subject's activities based on quantitative measurements recorded by a smartphone. A total of 12 terminal nodes and 10 most important variables were used in the Tree construction.



**Figure 2** displays the variables of most importance derived from a Random Forest model built to predict the subject's activities based on quantitative measurements recorded by a smartphone.

