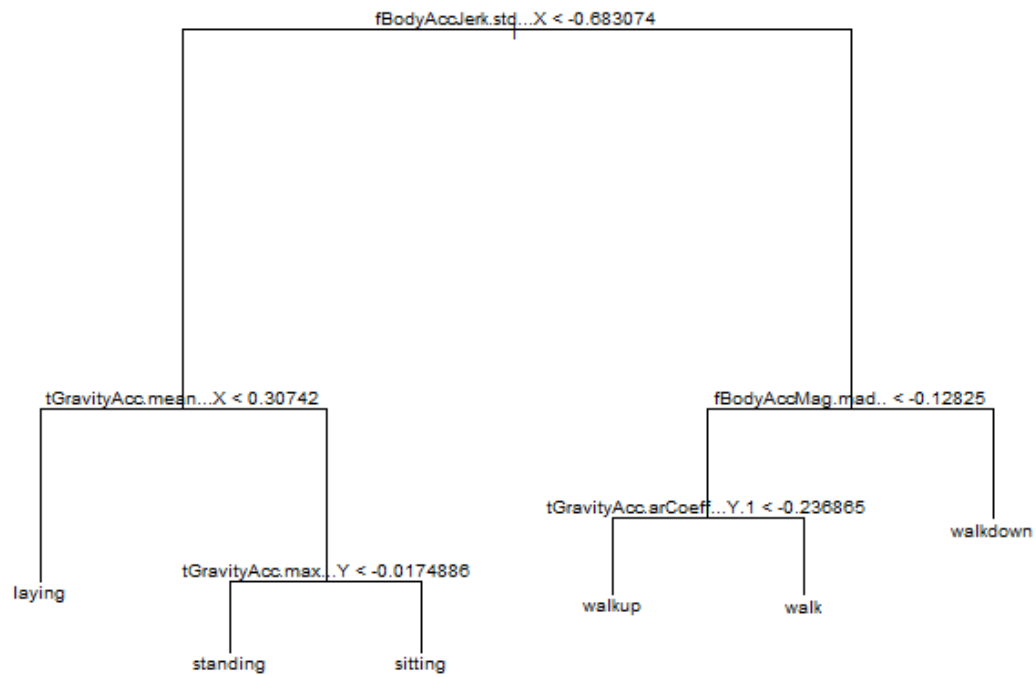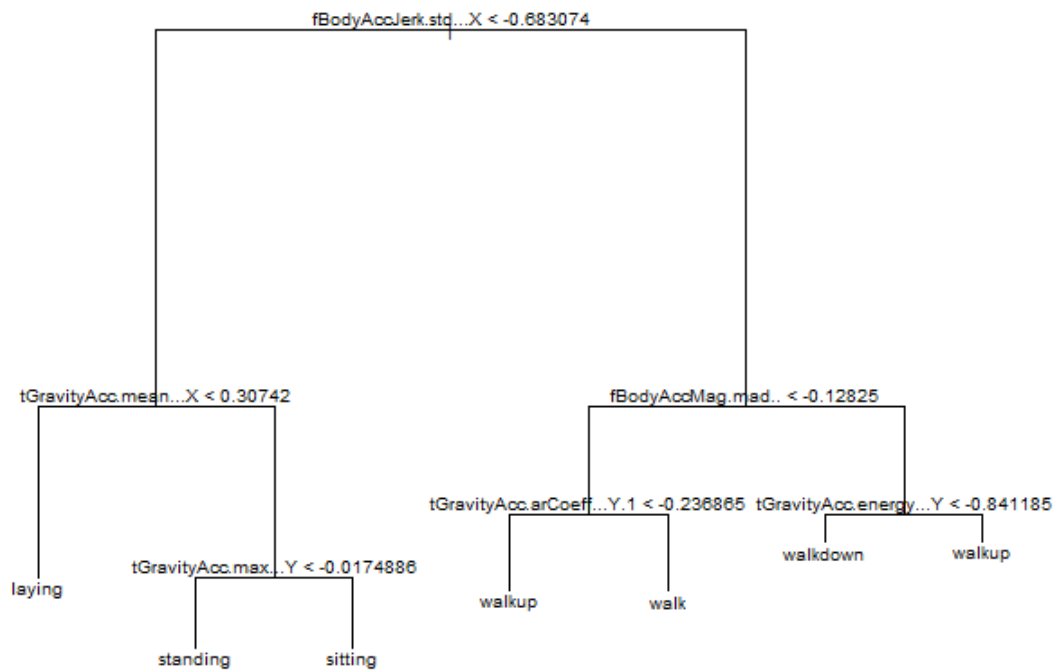Figure 1. Tree models showing the prediction of the physical activities based on several measurements on samsung phone. Additional variable was included in model (B) to classify walkdown and walkup activities.