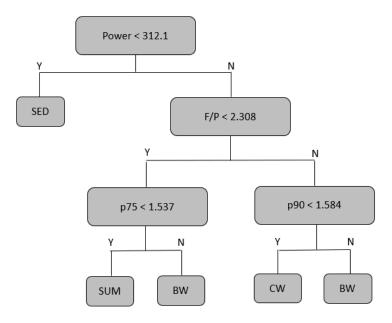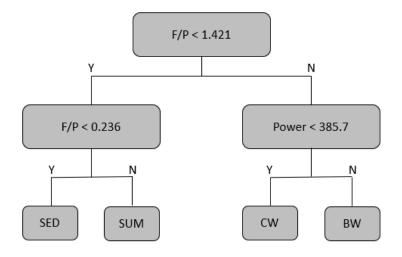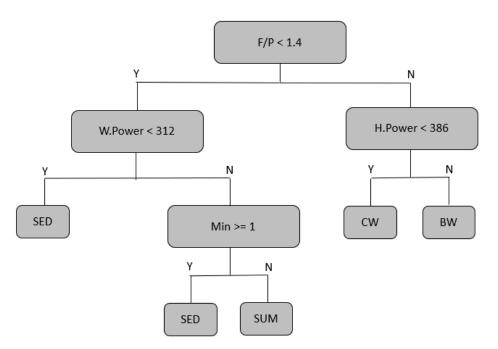Figure 1a

Power = sum of vector magnitude squared, F/P = Dominant Frequency Power Ratio of vector magnitude, p75 = 75th percentile, p90 = 90th percentile, SED = sedentary, SUM = standing utilitarian movements, CW = comfortable walk, BW = brisk walk

Figure 1b

Power = sum of vector magnitude squared, F/P = Dominant Frequency Power Ratio of vector magnitude, SED = sedentary, SUM = standing utilitarian movements, CW = comfortable walk, BW = brisk walk

Figure 1c

F/P = Dominant Frequency Power Ratio of vector magnitude, W.Power = sum of vector magnitude squared (wrist), H.Power = sum of vector magnitude squared (Hip), Min = minimum value of vector magnitude, SED = sedentary, SUM = standing utilitarian movements, CW = comfortable walk, BW = brisk walk