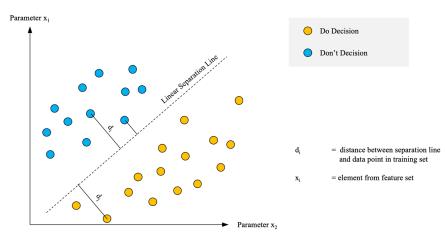


x<sub>i</sub> ∈ {Load Medial 10, Load Lateral 10, Load Medial 90, Load Lateral 90, Maximum Extension, Coronal Deformity} = element from feature set

а

 $y_i = cut-off$  value determined by tuning model parameters on the training set





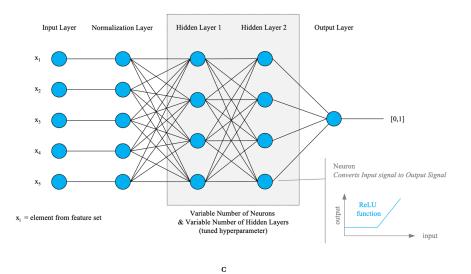


Fig. A1

Schematic representation of different ML models: decision tree (a), linear support vector machine (b) and artificial neural network (c)