

**Figure S4:** Decision Tree predicts the dementia classes ("No Dementia"/ "Minimal or Mild Dementia"/ "Moderate or Severe Dementia") for the Problem (b) using baseline method. The decision trees differ in appearance as well as decision thresholds for certain non-interpretable attributes. The pie charts in leaves show class labels, the proportion of resulting classes and their support size. The branches demonstrate connections between features and their threshold values, leading towards class labels.

