The alignment of modalities (denoted as “Alignment”) is treated as a hyperparameter with 5 randomly selected Alignment candidates defined. For “w/ HR”, they are: A1, (EDA, ACC, TEMP, HR); A2, (TEMP, ACC, EDA, HR); A3, (ACC, HR, EDA, TEMP); A4, (TEMP, HR, ACC, EDA); and A5, (HR, ACC, EDA, TEMP).

Within one modality, the variables are ordered by their rank (termed as “Order”), which is computed as the average of importance ranks given by RF classifiers built separately on jointly permuted train and validation sets.