What is the setting of your project?

Supervised

How you represent X (Features/Representation and their explanation, justification)

Our input X is 13 joints, each represented with [x_pos,y_pos,isVisible] noting the x and y positions of the joint and if it is visible in the image or not. It is labeled with a number indicating which of the activities it corresponds to.

How do you represent Y (binary? multi-class? sequences? trees? graphs?)

Y is multi-class. There are 15 different activities to classify the inputs on.

Which libraries will you use?

Torchvision

Model Performance:

On 100 epochs: