

Fig. 1: Overview of CP prediction ensemble pipeline, showing (a) the variables for XAI metrics evaluation, and (b) the processing steps for each model in the CP prediction ensemble.

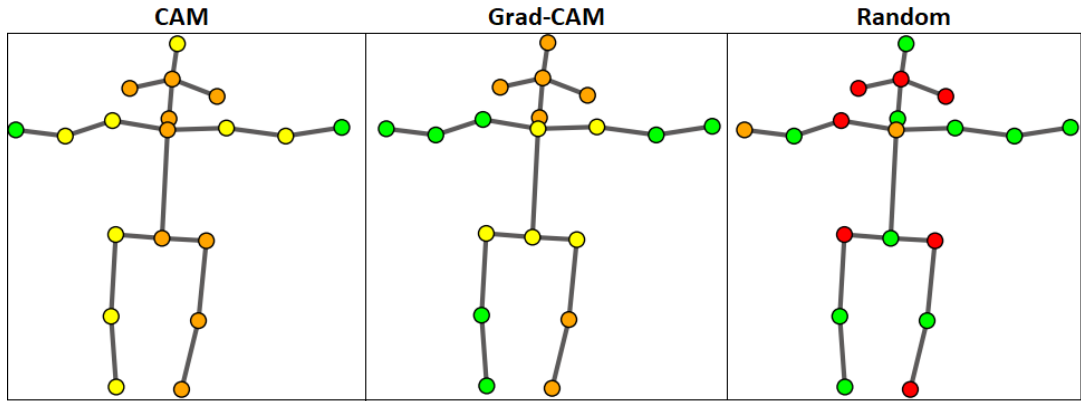


Fig. 2: Sample visualization of attribution scores coming from the ensemble model's XAI methods tested using the same video. From left to right: CAM, Grad-CAM, and random method. Green indicates low attribution scores, yellow indicates moderate scores, orange shows high scores, and red signifies very high scores relative to the defined threshold score.