

ABSTRACT

The present application relates to an object state recognition method and apparatus, a computer device, a storage medium, and a computer program product. The method comprises: acquiring a target video (step S202); acquiring a background frame corresponding to the target video, and determining, from the target video, a target frame corresponding to a target action of a target object (step S204); performing image segmentation on the background frame and the target frame to obtain object regions respectively corresponding to objects in the background frame and a target region corresponding to the target object in the target frame (step S206); generating interaction information groups on the basis of position information of the target region and the object regions, the objects corresponding to the object regions, and the target action, so as to obtain an interaction information group between the target object and each object (step S208); and on the basis of each interaction information group, determining a target object state of the target object corresponding to the target frame (step S210).