

Coding Scheme

The categories of the gaze coding scheme are composed of right gaze, left gaze, and no gaze, and the gaze coding scheme describes the attributes of each category.

The participant's behavior should be coded as gaze when the eye gaze direction and the head orientation direction are congruent to a specific direction, such as left and right, or when the eye gaze is headed toward a certain direction without head orientation.


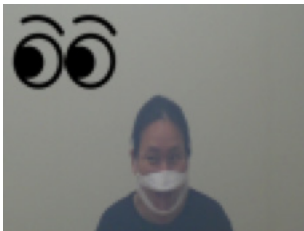
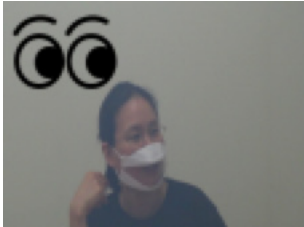
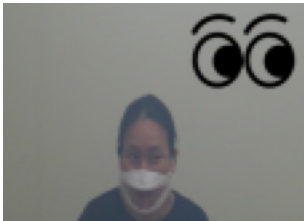
All the other cases except gaze categories should be coded as no gaze. That is to say, when the participant does not look at the participant in the left nor the participant in the right and look at somewhere or something, the segment is coded as no gaze.

As some images were captured when the participant is blinking, the coding attributes for blinking eyes were also described in the coding scheme.

Only when the gaze direction in the prior segment and that in the later segment are the same as the head orientation direction in the blinking behavior segment, the blinking behavior between the two segments is coded as gaze.

When the gaze direction in the prior segment and that in the later segment are different, the blinking behavior between the two segments is coded as no gaze.

In addition, when the prior segment is coded as gaze and the later segment is coded as no gaze or when the prior segment is coded as no gaze and the later segment is coded as gaze, the blinking behavior between the two segments is coded as no gaze.

Categories	Attributes
Right gaze	<p>When the eye gaze direction and the head orientation direction are congruent to the right</p> <p>e.g.</p> 
	<p>When the eye gaze is headed toward the right without head orientation</p> <p>e.g.</p> 
	<p>When the gaze direction in the prior segment, that in the later segment, and the head orientation direction in the blinking behavior segment are right, the blinking behavior segment which is placed between the two segments is coded as right gaze.</p>
Left gaze	<p>When the eye gaze direction and the head orientation direction are congruent to the left</p> <p>e.g.</p> 
	<p>When the eye gaze is headed toward the left without head orientation</p> <p>e.g.</p> 

Left gaze	<p>When the gaze direction in the prior segment, that in the later segment, and the head orientation direction in the blinking behavior segment are right, the blinking behavior segment which is placed between the two segments is coded as right gaze.</p> <p>e.g.</p>
No gaze	<p>When the participant does not look at the participant in the left nor the participant in the right and look at somewhere or something</p> <p>e.g.</p>
	<p>When the gaze direction in the prior segment and that in the later segment are different</p> <p>e.g.</p>
	<p>When the prior segment is coded as gaze and the later segment is coded as no gaze</p> <p>e.g.</p>

No gaze	when the prior segment is coded as no gaze and the later segment is coded as gaze e.g. 
----------------	---