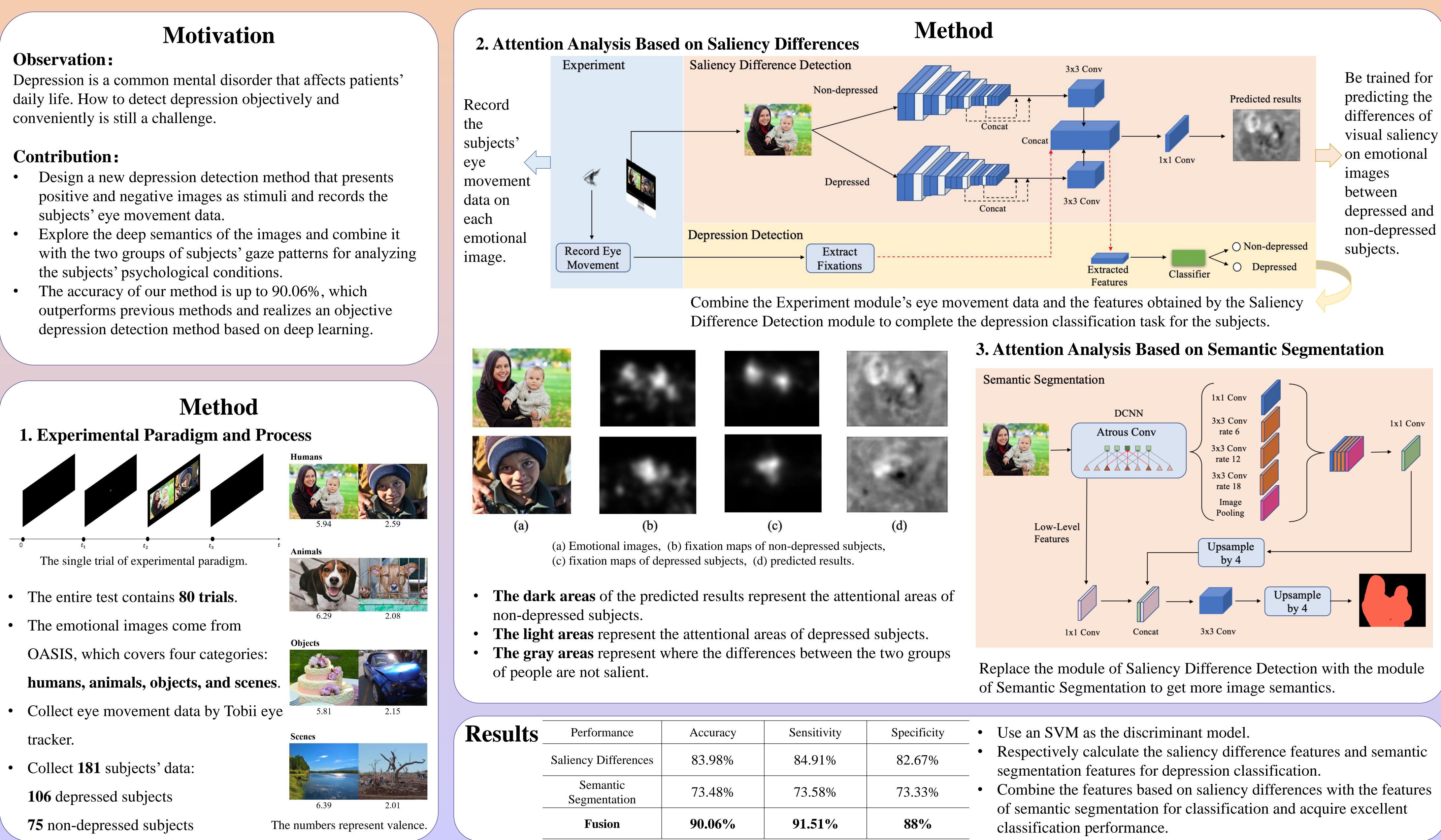
Depression Detection by Combining Eye Movement with Image Semantics Yuxin Lin¹ Huimin Ma^{*1} Zeyu Pan² Rongquan Wang¹



- subjects' eye movement data.
- the subjects' psychological conditions.
- The accuracy of our method is up to 90.06%, which



¹School of Computer and Communication Engineering, University of Science and Technology Beijing, Beijing, China ²Department of Electronic Engineering, Tsinghua University, Beijing, China

Sensitivity	Specificity	• Use an SVM as the discrimination
84.91%	82.67%	• Respectively calculate the s
		_ segmentation features for de
73.58%	73.33%	• Combine the features based
		– of semantic segmentation for
91.51%	88%	_ classification performance.

