Supplemental 2: User Study

Our algorithm is robust to the positioning of the scribbles, that is, when two users have the same objective in mind, they are able to achieve substantially similar results, no matter where exactly they position their scribbles. In order to test this, we performed a simple user study. Five users, one of which a co-author, were asked to draw scribbles on three of the two-scribble examples used in the main paper, i.e., "birds" in Figure 4., "Buddha" in Figure 5., and "girl" in Figure 6. The subjects received the same instruction specific to each example image. The instructions took the following form, "draw scribbles of two different colors to separate the *target* and everything else". The "*target*" is, the birds in "birds", the red coating in "Buddha", and the dress in "girl", respectively. We show the five sets of user scribbles, together with the masks generated using our algorithm, Lischinski et al., RobustMatting, and Lazy Snapping, respectively, on subsequent pages.

Figure 1: *User study. Row 1: five sets of user scribbles. Row 2: Our masks. Row 3: Lischinski et al. masks Row 4: Robust Matting masks. Row 5: Lazy Snapping masks.*

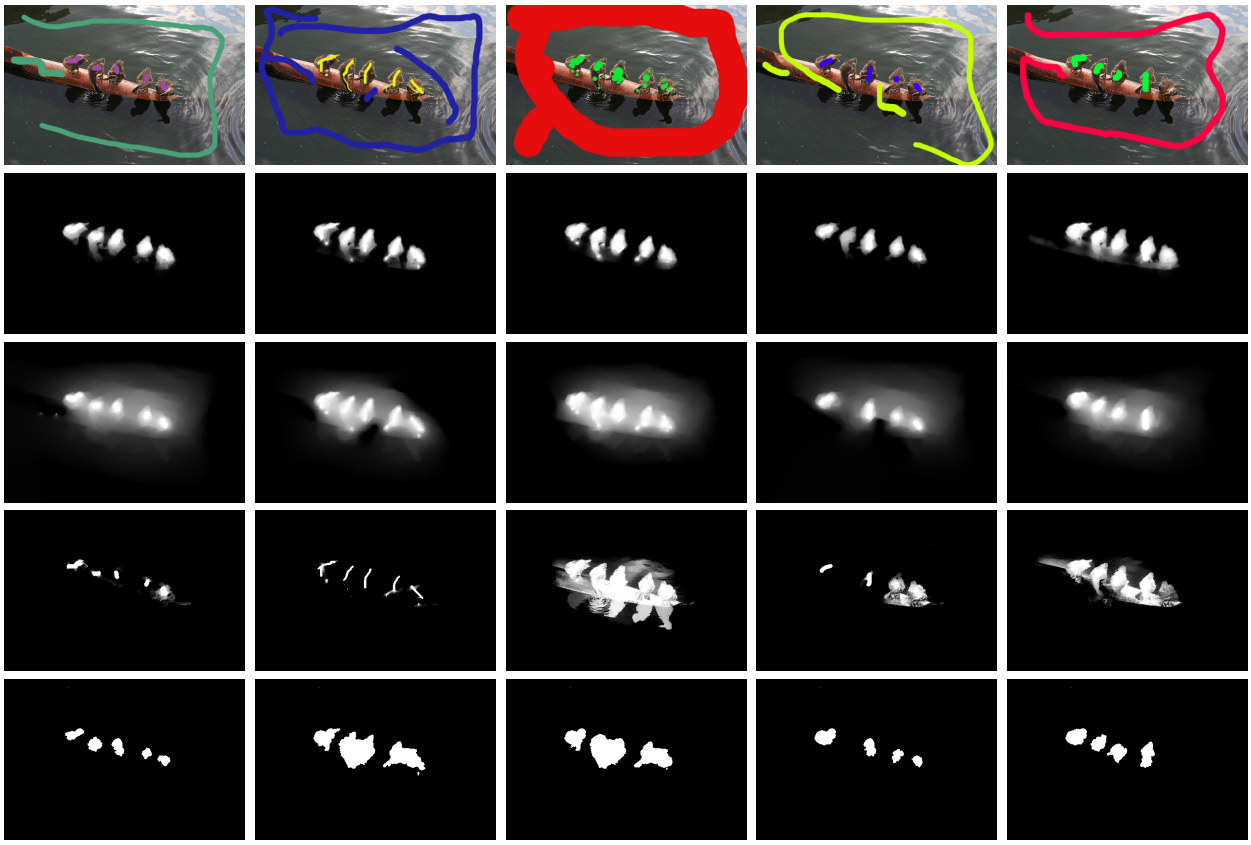

Figure 2: *User study. Row 1: five sets of user scribbles. Row 2: Our masks. Row 3: Lischinski et al. masks Row 4: Robust Matting masks. Row 5: Lazy Snapping masks.*

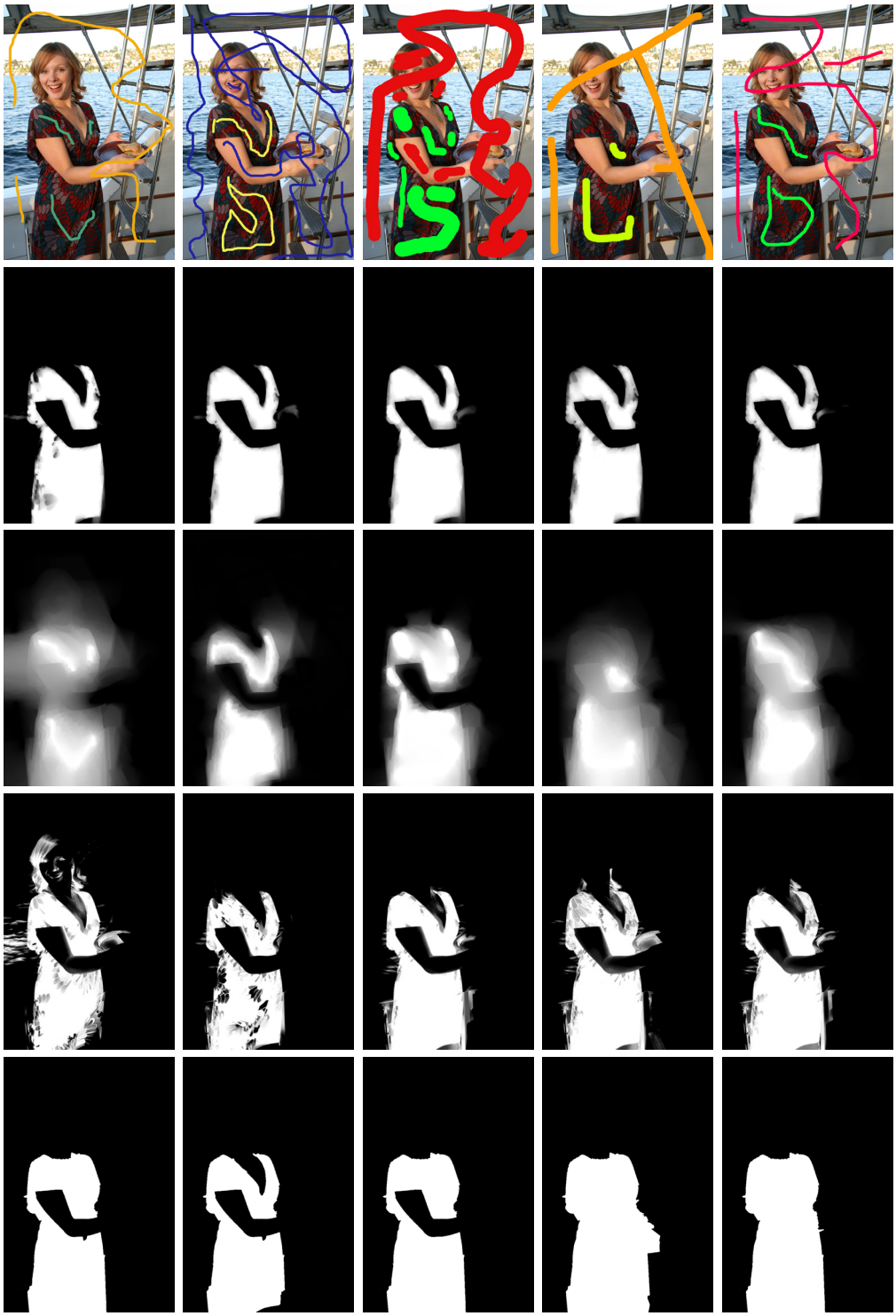

Figure 3: *User study. Row 1: five sets of user scribbles. Row 2: Our masks. Row 3: Lischinski et al. masks Row 4: Robust Matting masks. Row 5: Lazy Snapping masks.*