

# Supplementary Material: Analyzing Interfaces and Workflows for Light Field Editing

Marta Ortin, Adrian Jarabo, Belen Masia, Diego Gutierrez

This supplementary material complements the main document by including additional graphs for all the editing tasks in the cases where only representative examples were shown.

## I. TOOL SEQUENCE ANALYSIS (EXPERIMENT 1)

### A. *Tool Sequence Visualization*

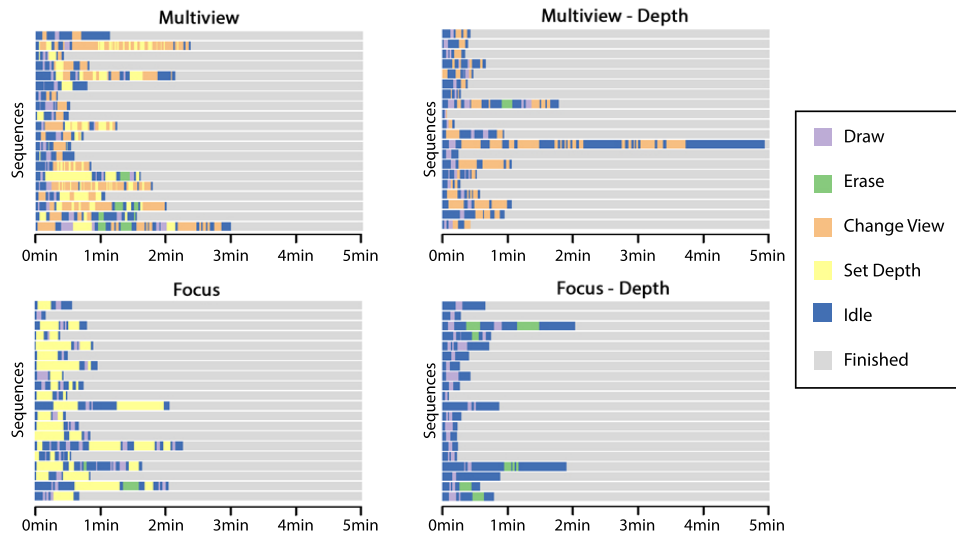
Figures S1 and S2 present the sequence of tools used by all subjects to perform the five editing tasks.

### B. *Mean Time Using Each Tool*

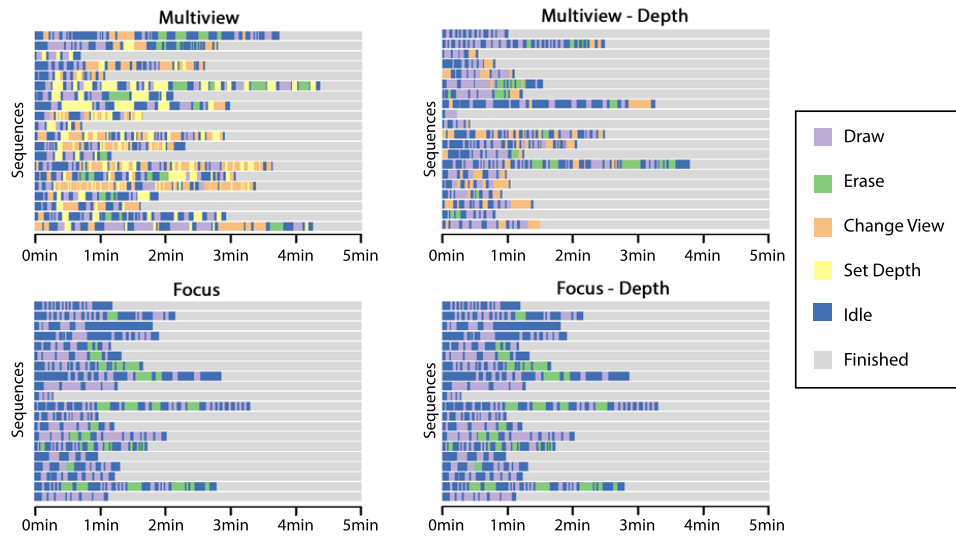
Figure S3 depicts the average amount of time spent using each tool for all the tasks in Experiment 1.

### C. *Representative Tool Sequences*

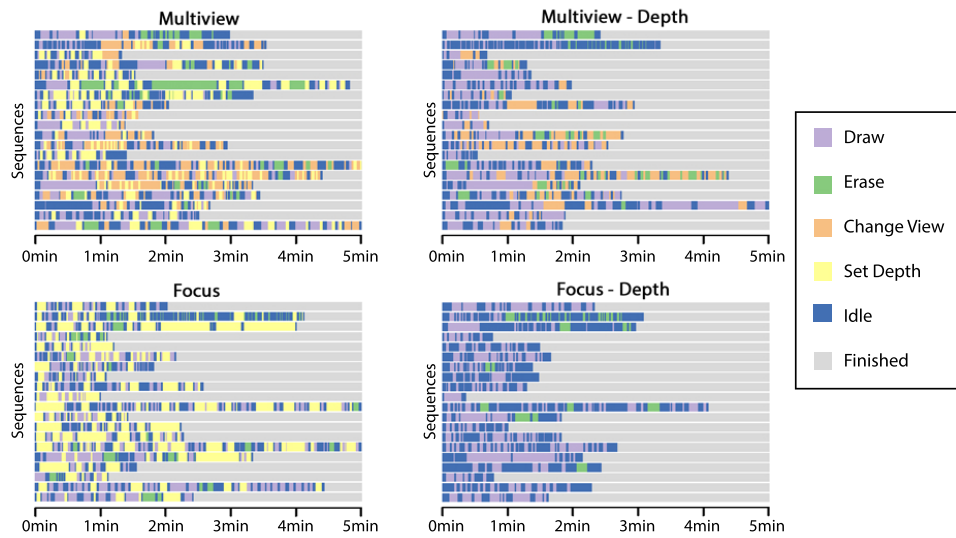
Figure S4 shows the representative sequences for all tasks in Experiment 1 grouped by interface.



(a) Task S1. Editing planar surface.

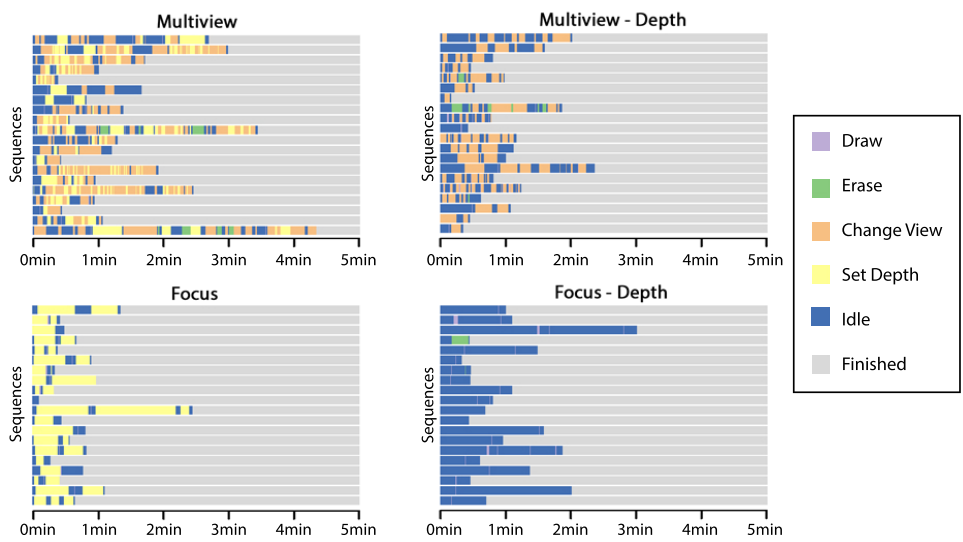


(b) Task S2. Editing curved surface.

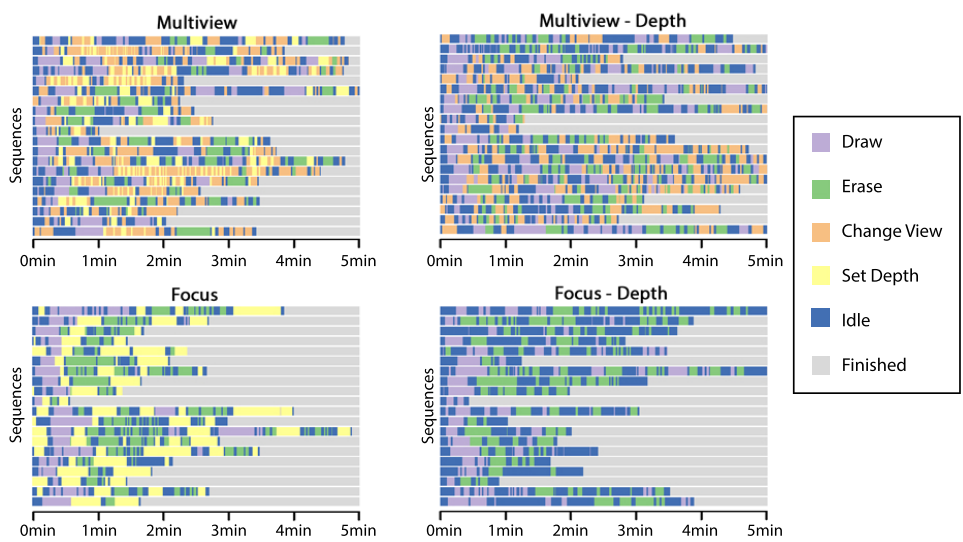


(c) Task S3. Editing specular highlights.

Fig. S1: Sequence index plot for all tasks in Experiment 1. The horizontal bars show the sequence of tools the 20 participants used to complete the task with each one of the four interfaces, each tool being represented with a different color.



(a) Task S4. Placing object in free space.



(b) Task S5. Drawing with occlusions.

Fig. S2: Sequence index plot for all tasks in Experiment 1. The horizontal bars show the sequence of tools the 20 participants used to complete the task with each one of the four interfaces, each tool being represented with a different color. Results are grouped by interface; in reading order: Multiview, Multiview with Depth, Focus, and Focus with Depth.

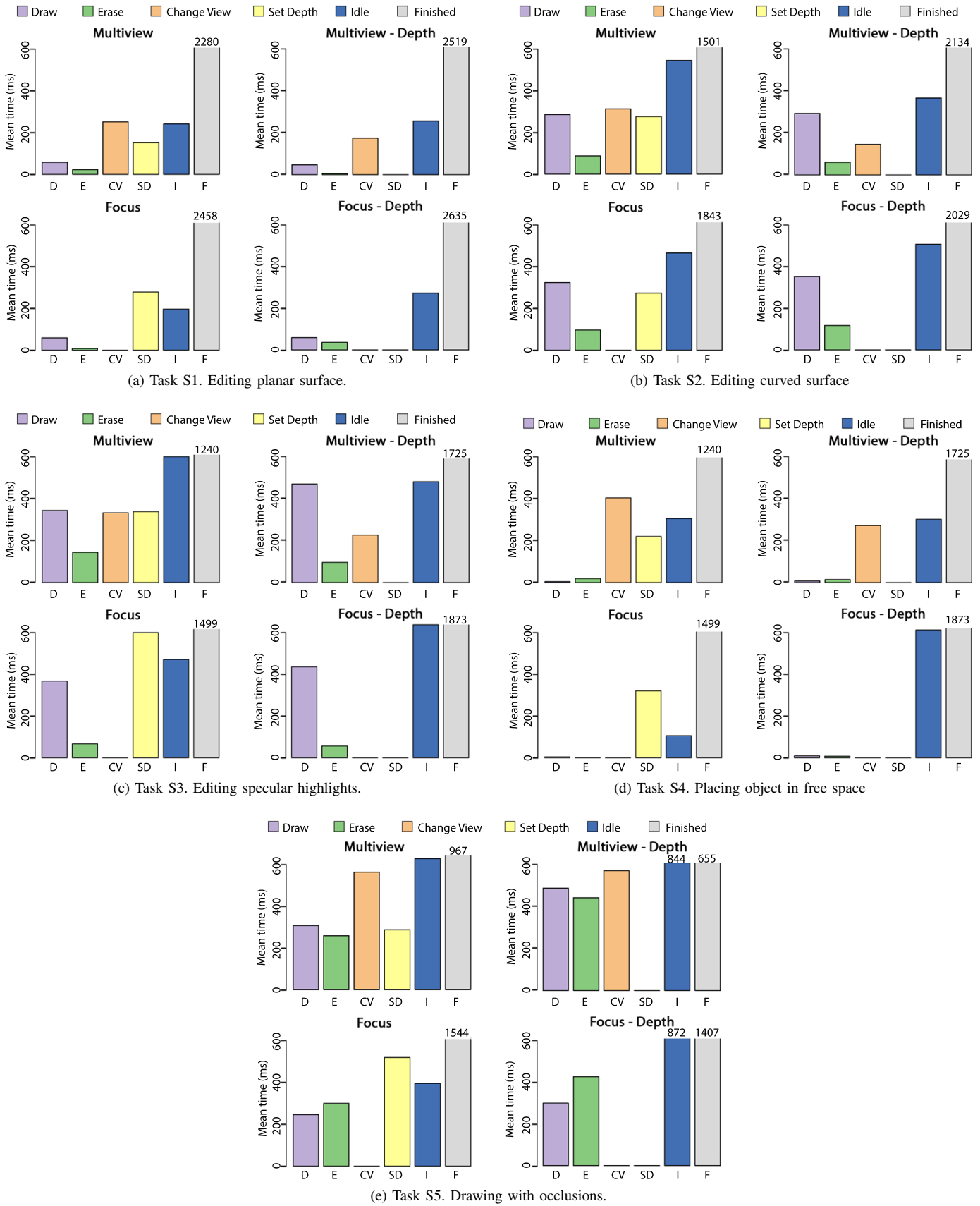


Fig. S3: Mean time using each tool for all tasks in Experiment 1. Results are grouped by interface; in reading order: Multiview, Multiview with Depth, Focus, and Focus with Depth.

(A) Discrepancy (mean dist. to center) (B) Mean dist. to representative seq.

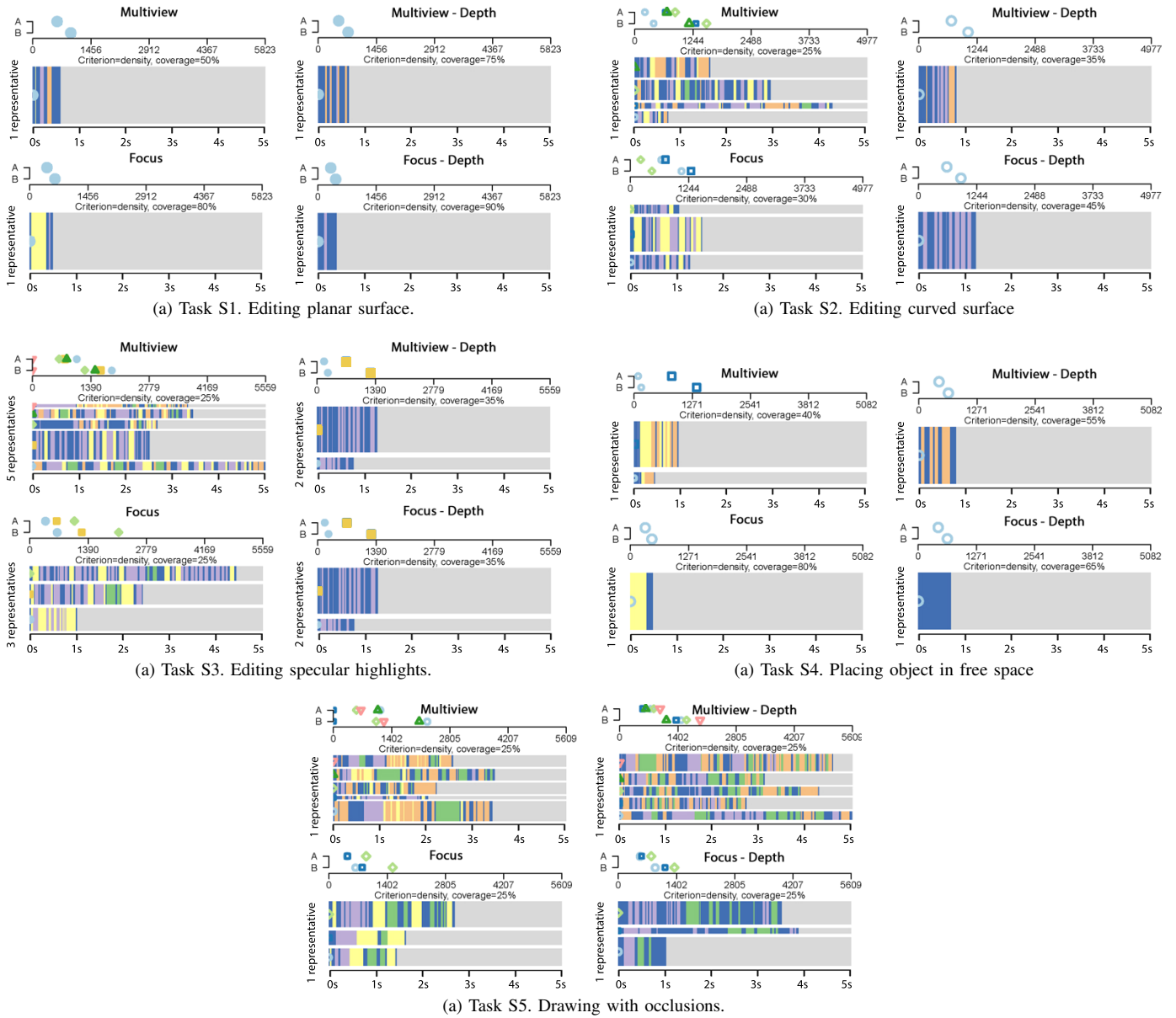


Fig. S4: Mean time using each tool for all tasks in Experiment 1. Results are grouped by interface; in reading order: Multiview, Multiview with Depth, Focus, and Focus with Depth.