

IKEA Ego 3D dataset: Understanding furniture assembly actions from ego-view 3D Point Clouds

Supplementary Material

A. Action list

For completeness, we provide here a full list of actions and their IDs in Table 5.

class ID	Atomic action
0	NA
1	align coffee tabletop secondary
2	align drawer knob screw
3	align elbow connector
4	align leg
5	align long coffee table screw
6	align long drawer screw
7	align small screw
8	align stool beam
9	align top stool step
10	application interface
11	attach back panel
12	attach bottom stool step
13	attach side panel
14	attach stool side
15	flip coffee tabletop main
16	flip leg
17	flip partially constructed coffee table
18	flip stool
19	flip table top
20	flip whole coffee table
21	flip whole drawer
22	insert cam lock
23	insert pin (wood peg)
24	lay down coffee tabletop secondary
25	lay down drill
26	lay down screwdriver
27	lay down stool beam
28	lay down stool screw
29	manually insert stool screw
30	move top stool step
31	pick up back panel
32	pick up bottom panel
33	pick up bottom stool step
34	pick up cam lock
35	pick up coffee tabletop secondary
36	pick up drawer knob
37	pick up drawer knob screw
38	pick up drill
39	pick up elbow connector
40	pick up front panel
41	pick up leg
42	pick up long coffee table screw
43	pick up long drawer screw
44	pick up pin (wood peg)
45	pick up screwdriver
46	pick up side panel
47	pick up small screw
48	pick up stool beam
49	pick up stool screw
50	pick up stool side
51	slide bottom panel
52	spin drawer knob
53	spin leg
54	spin screwdriver
55	use drill

Table 5. IKEA Ego3D dataset action list.