SLAC Action Annotation Guidelines: Is this action happening?

Guidelines:
We want to teach computers to recognize human actions, and need to collect examples. We use text concept to query video search engine, and retrieve videos in the hope that they are about certain actions. However, videos are usually long, and we cannot guarantee that every frame is about an action. Therefore, we need your help to annotate the short video clips.

You are presented with a text label and some 2 sec video clips. You are asked whether this action is happening. The criterion is if this action is happening exactly at the time, you should answer “Yes” (GREEN Box). Or you should “No” (RED Box). Please select “Unsure” (YELLOW Box) when it is hard to decide whether the action is happening or not.

IMPORTANT TIPS:
The action should be performed by at least one human, NOT animal or machines. The action should be happening exactly the time it is shown, you should NOT predict the past or future.
1. The start or end of an action, or incomplete actions, should be YES.
2. The action should include motion. If the video shows a static images, or PowerPoint animations, it is NOT an action.
3. Put “No” on cartoons or animations, because we only care about real human action.

Instructions:
1. Get to know the action your are going to annotate by looking at the definitions and examples in the next section;
2. Make sure the images you see can move;
3. Start annotation by clicking on the clips, each batch contains 5000 clips, refresh to get see more.
Examples:

Archery: YES.

Archery: NO. (Although they are holding the bows, the action is not happening. The man is talking about archery.)

Archery: NO. (This is basically an animated static image.)
Beach soccer: NO. (Audience are watching, but not playing soccer.)

Changing car wheel: NO. (The man is talking.)

Swimming: NO.
**Before you start, please carefully check below the definitions and positive/negative samples of the specific actions you annotate.**

**Full Action Label Set:**

0 Applying sunscreen: the action of smearing or spraying sunscreen on the skin.

Yes

No (open the lid)
1 Archery: Archery is the sport, practice or skill of using a bow to propel arrows.

Yes

2 Arm_wrestling: a sport involving two participants. Each places one arm on a surface with their elbows bent and touching the surface, and they grip each other's hand.

Yes
No (preparation, game has not started)

3 Assembling bicycle: the action of putting bicycle parts together.

Yes
4 BMX: an abbreviation for bicycle motocross or bike motocross, is a cycle sport performed on BMX bikes, either in competitive BMX racing or freestyle BMX, or else in general on- or off-road recreation.
No

5 Baking cookies (can be any steps of baking cookie, like mixing flours. Different from “making a cake”)
Yes

No (making a cake)
6 **Ballet**: is a type of performance dance that originated during the Italian Renaissance in the 15th century and later developed into a concert dance form in France and Russia.

Yes

7 **Bathing dog** (can be washing, drying. Different from “Grooming dog”)

Yes
8 Baton_twirling (NOT including fire wiring)
Yes

9 Beach_soccer (soccer game should be on going)
Yes
No (it is champion awards)

10 **Beer pong**: is a drinking game in which players throw a ping pong ball across a table with the intent of landing the ball in a cup of beer on the other end.

Yes

11 **Belly dance**: an Arab expressive dance.

Yes
12 **Blow-drying hair** (with a blow dryer, different from braiding, or brushing hair!)
Yes

No (she is brushing hair)

13 **Blowing leaves** (leaves should be blown by human, not by wind)
Yes
14 Braiding hair (Braiding by hand, different from brushing, or blow-drying hair!)
Yes

15 Breakdancing: an athletic style of street dance.
Yes
16 **Brushing hair** Brushing human’s hair with a COMB, not with blow-dryer or hand. (Different from blow-drying hair, braiding.)
Yes

No (no comb)

17 **Brushing teeth** (brushing human’s teeth)
Yes
18 Building sandcastles: the practice of modelling sand into an artistic form. (there must be human involved in the action)

Yes

No (no human)
19 Bullfighting (should be fight between human and bull, NOT between bulls. Bull chasing human also counts.)
Yes

20 Bungee jumping (preparation stage does not count, should be the actual jump, or in the air)
Yes
No (preparation)

21 Calf_roping (throwing the rope or catching the calf. Simply riding a horse does not count.)
Yes

No (the action has not started yet)
22 Camel_ride (person should be on the camel)
Yes

23 Canoeing (The paddler kneels and uses a SINGLE-bladed paddle to propel the boat forward. Different from Kayaking.)
Yes
24 **Capoeira**: an Afro-Brazilian martial art that combines elements of dance, acrobatics and music.

Yes

25 **Carving jack-o-lanterns** *(should be any steps in making the lantern)*

Yes

26 **Changing car wheel** *(not bike wheel or steering wheel)*

Yes
27 Cheerleading: Cheerleading ranges from chanting, to intense physical activity for sports team motivation, audience entertainment, or competition.

Yes

28 Chopping_wood

Yes
29 **Clean_and_jerk:** a two-movement weightlifting exercise in which a weight is raised above the head following an initial lift to shoulder level. (Different from Snatch)
Yes

No (preparation, hands are not touching the weights)

30 **Cleaning_shoes:** wiping or washing shoes
Yes
31 Cleaning_sink
Yes

32 Cleaning_windows
Yes

33 Clipping_cat_claws
34 **Cricket**: a bat-and-ball game played between two teams of eleven players each on a cricket field. (the game should being played)

Yes

35 **Croquet**: a sport that involves hitting plastic or wooden balls with a mallet through hoops (the game should being played)

Yes
36 **Cumbia**: a dance-oriented music genre popular throughout Latin America.
Yes

37 **Curling**: a sport in which players slide stones on a sheet of ice towards a target area which is segmented into four concentric circles. It is related to bowls, boules and shuffleboard.
Yes
38 Cutting_the_grass
Yes

39 Decorating_the_Christmas_tree
Yes

40 **Disc**_dog_: a dog sport with human flying discs
41 Discus throw: a track and field event in which an athlete throws a heavy disc in an attempt to mark a farther distance than their competitors. (Different from “hammer throw”, “shot put”)

42 Dodgeball: a game in which players on two teams try to throw balls at each other while avoiding being hit themselves.
43 Doing a powerbomb: a professional wrestling throw in which an opponent is lifted and then slammed back-first down to the mat.
Yes

44 Doing crunches: A crunch begins with lying face up on the floor with knees bent. The movement begins by curling the shoulders towards the pelvis.
Yes
45 **Doing fencing**: a sport in which two competitors fight using 'rapier-style' swords.

Yes

46 **Doing karate**: Japanese martial art (Unique dressing, different from kickboxing)

Yes
47 Doing_kickboxing: a group of stand-up combat sports based on kicking and punching.

Yes

48 Doing_motocross: a form of off-road motorcycle racing held on enclosed off-road circuits.

Yes

49 Doing_nails

Yes
50 Doing_step_aerobics: Step aerobics is a form of aerobic exercise using an ELEVATED PLATFORM (the step). (Different from dance.)
Yes

51 Drinking_beer (should be the actual drinking action)
Yes
52 Drinking coffee (not making coffee, should be the actual drinking action)
Yes

53 Drum corps: musical ensembles that descended from military bugle and drum units returning from World War I and succeeding wars. (different from pop bands)
Yes
**54 Elliptical trainer:** a stationary exercise machine used to simulate stair climbing, walking, or running without causing excessive pressure to the joints, hence decreasing the risk of impact injuries. (people should be using the trainer)

Yes

**55 Fixing bicycle**

Yes

**56 Fixing the roof** (Note that there is another action called “roof_shingle_removal”, so remove shingles does not count)

Yes
57 Fun_sliding_down (Must slide down on a real children/water slide, NOT on snow or stairs.)
Yes

No (Not human, no slide)

No (Should not be on stairs)
58 **Futsal**: a variant of association football played on a HARD court, smaller than a football pitch, and mainly INDOORS.
Yes

59 **Gargling_mouthwash**
Yes
60 **Getting_a_haircut** (NOT brushing, or hair drying, or braiding)
Yes

61 **Getting_a_piercing** (can be piercing any part of the body)
Yes

62 **Getting_a_tattoo**
Yes
63 Grooming_dog (Mainly brushing and cutting hairs. Different from “Bathing_dog”)
Yes

64 Grooming_horse
Yes
65 Hammer_throw
Yes

66 Hand_car_wash (holding a water tube also counts)
Yes

67 Hand_washing_clothes
Yes
68 Hanging wallpaper
Yes

69 Having an ice cream: should be human having ice cream
Yes
70 **High_jump** (from running, jumping, to dropping)
Yes

71 **Hitting_a_pinata**: pinata is decorated, and filled with small toys or candy, or both, and then broken as part of a ceremony or celebration. (Hitting should be happening, turning does NOT count)
Yes

No (turning does NOT count)
72 **Hopscotch**: Hopscotch is a popular playground game in which players toss a small object into numbered triangles of a pattern of rectangles outlined on the ground and then hop or jump through the spaces to retrieve the object. (should be jumping EXACTLY)
Yes

73 **Horseback_riding** *(person should be on the horse)*
Yes
74 Hula_hoop
Yes

75 Hurling
Yes
76 Ice_fishing (can be any steps in fishing, EXCEPT drilling a hole)
Yes

77 Installing_carpet (in the house, not in the car. Different from “Laying_tile”.)
Yes

78 Ironing_clothes
Yes
79 Javelin_throw
Yes

80 Kayaking (the paddler is seated and uses a DOUBLE-bladed paddle pulling the blade through the water on alternate sides to move forward. Different from Canoeing.)
Yes

81 Kite_flying
Yes
82 Kneeling: any exercise in the gym that kneels
Yes

83 Knitting
Yes
84 Laying_tile (Different from “installing carpet”)
Yes

85 Layup_drill_in_basketball (It is a practice, should not be a formal match. Should be either layup, OR dribbling before a layup.)
Yes (It is layup)

Yes (Dribbling before a layup)
No (it is a formal game)

No (dribbling but not to make a layup)

86 Long_jump
Yes
87 Longboarding #: A longboard is similar to, but NOT the same as a skateboard. It is often longer than a skateboard and has a wide variety of shapes. It tends to be faster, and are commonly used for cruising, downhill racing, slalom racing, sliding, dancing, long distance racing, and transport. (Different from “skateboarding”)
Yes

88 Making_a_cake
Yes
89 Making a lemonade: can be made from lemons, powders, etc.
Yes

90 Making a sandwich
Yes

91 Making an omelette
Yes
92 Mixing drinks
Yes

93 Mooping floor: should be mopped by human, not robot
Yes
94 Mowing the lawn
Yes

![Mowing the lawn](image)

95 Paintball: as long as the game is ongoing
Yes

![Paintball](image)

96 Painting: drawing, it is an action, not simply object. For art purposes, painting furniture does NOT count.
Yes

![Painting](image)
97 Painting_fence
Yes

98 Painting_furniture
Yes

99 Peeling_potatoes
Yes

100 Ping-pong: the game should be on going
Yes

101 Plastering
Yes
102 Platform_diving (Platform. Different from “springboard_diving”)
Yes

103 Playing_accordion
Yes

104 Playing_badminton
Yes
105 Playing_bagpipes: Bagpipes are a wind instrument using enclosed reeds fed from a constant reservoir of air in the form of a bag.
Yes

106 Playing_beach_volleyball
Yes
107 Playing blackjack: playing poker
Yes

108 Playing congas: (play with hands, not drumsticks. Different from “playing_drums”)
Yes

109 Playing drums: (Different from “play_congas”)
Yes
110 Playing_field_hockey: (OUTDOORS. different from “ice_hocky”)
Yes

111 Playing_flauta: flute, long flute only
Yes

No (exclude this type of flute)
112 Playing_guitarra
Yes

113 Playing_harmonica
Yes
114 Playing ice hockey
Yes

115 Playing kickball: DIFFERENT FROM SOCCER. An informal game combining elements of baseball and soccer, in which an inflated ball is thrown to a person who kicks it and proceeds to run the bases.
Yes

116 Playing lacrosse
Yes
117 Playing piano
Yes

118 Playing polo: NOT water polo.
Yes

119 Playing pool
Yes

120 Playing_racquetball + (The wall of court is all white. Different from “playing_squash”. See: http://www.differencebetween.net/miscellaneous/differences-between-squash-and-racquetball/)
Yes

121 Playing_rubik_cube
Yes
122 Playing saxophone
   Yes

123 Playing squash +: (The wall of court has red line in the middle. Different from “playing racquetball”. See:
   http://www.differencebetween.net/miscellaneous/differences-between-squash-and-racquetball/)
   Yes
124 Playing ten pins: bowling
Yes

125 Playing violin
Yes

126 Playing water polo (Different from “Swimming”)
127 Pole_vault (from running, jumping, to dropping)
Yes

128 Polishing_furniture
Yes
129 Polishing shoes
Yes

130 Powerbocking: Activity involving running, jumping and performing various acrobatics with the aid of vertically mounted curved springs attached to one's legs
Yes

131 Preparing pasta
Yes
132 Preparing salad
Yes

133 Putting in contact lenses
Yes

134 Putting on makeup
Yes

135 Putting on shoes
Yes

136 Rafting (Different from “river_tubing”)
Yes
137 Raking_leaves
Yes

138 Removing_curlers: (let’s include both PUTTING ON and REMOVING curlers. You must see the curlers.)
Yes

Yes (maybe putting on)
139 Removing_ice_from_car: removing ice or snow from car
Yes

140 Riding_bumper_cars
Yes
141 River tubing: (Different from “Rafting”)  
Yes

142 Rock-paper-scissors: playing with robot also counts  
Yes

143 Rock_climbing  
Yes
144 Rollerblading
Yes

145 Roof_shingle_removal (Should be dealing with the shingles. There is another action called “fixing_the_roof”, which is different.)
Yes
146 Rope_skipping
Yes

147 Running_a_marathon
Yes
148 Sailing
Yes

149 Scuba_diving
Yes

150 Sharpening_knives
Yes
151 Shaving: shaving beard, or mustache, NOT legs, NOT hair. Yes

152 Shaving_legs
Yes

153 Shot_put
Yes
154 Shoveling_snow
Yes

155 Shuffleboard: can be on the floor, table, or ship
Yes (floor)

Yes (table)
156 Skateboarding # (Different from “longboarding”)
Yes

157 Skiing
Yes
**158 Slacklining:** the act of walking or balancing along a suspended length of flat webbing that is tensioned between two anchors.
Yes

![Slacklining Image]

**159 Smoking_a_cigarette**
Yes

![Smoking_a_cigarette Image]

**160 Smoking_hookah**
Yes

![Smoking_hookah Image]
161 **Snatch:** in weight-lifting, lift the barbell from the ground to overhead in one continuous motion. (Different from Clean_and_jerk)
Yes

162 **Snow_tubing**
Yes
163 Snowboarding (Different from “skiing”)
Yes

164 Spinning
Yes

165 Spread_mulch: must be performed by person, not machines
Yes
166 Springboard_diving (Different from “platform_diving”) Yes

167 Starting_a_campfire Yes
168 Sumo
Yes

169 Surfing*: (Different from “windsurfing”)  
Yes

170 Swimming (Different from “Playing_water_polo”)  
Yes
171 Swinging_at_the_playground
Yes

172 Table_soccer
Yes
173 Tai_chí (with hand, or sword, or fan)
Yes

174 Tango
Yes

175 Tennis_serve_with_ball_bouncing: ball bouncing + ball serve
Yes
176 Throwing_darts
Yes

177 Trimming_branches_or_hedges
Yes
178 Triple_jump
Yes

179 Tug_of_war: between humans, NOT cars or animals
Yes
180 Tumbling
Yes

181 Using_parallel_bars
Yes

182 Using_the_balance_beam
Yes
183 Using the monkey bar
Yes

184 Using the pommel horse
Yes

185 Using the rowing machine
Yes
186 Using uneven bars
Yes

187 Vacuuming floor: not by robot
Yes
188 Volleyball: NOT beach volleyball
Yes

189 Wakeboarding*
Yes

Yes (the end of action also be positive)
190 Walking_the_dog
Yes

191 Washing_dishes: (does not need to be dishes, can be forks, spoons...)
Yes
192 Washing_face: (can be applying face wash)
Yes

193 Washing_hands
Yes
194 Waterskiing
Yes

195 Waxing skis: this is a long action, can be any steps in waxing skis.
Yes

196 Welding
Yes
197 Windsurfing
Yes

198 Wrapping presents
Yes

199 Zumba (sometimes zumba looks similar to other dances like hip-hop, if you cannot tell, just mark them as positive.)
Yes