A. Supplemental tables

Category	Descriptor	Values
Demographic	Age	Years integer.
	Weight	Pounds integer.
	Height	Inches integer.
	Gender	Male, Female
	Race	White Caucasian, Latino Hispanic, African Descent, Asian, South Asian, Middle Eastern, Pacific Islander.
	Clothes	Including no more than three dominant clothes, described by its relative location to the body (Upper, Lower, Both), its color (see color list), a pattern (Horizontal Stripes, Vertical Stripes, Both, Plain, Random), and a figure.
	Hat	Any form of head covering, described by color.
	Gloves	Described by color.
	Shoes	Described by color and type. Types are categorized in 6 classes, by their coverage and formality: Bare, Open Informal (*e.g.* sandals), Open Formal (*e.g.* heels), Close Informal (*e.g.* tennis), Close Formal (*e.g.* Oxford), and Boots.
	Facial Hair	Mustache, Beard.
	Hair	Described by color and length (Bald, Short, Medium, Long).
Environmental	Date	MM:DD format.
	Time	Integer, in 24hr format.
	Location	Lake, Forest, Field, Golf Course, Quarry, Farm, School, School (Nature), Paintball.
	Weather	Temperature in Fahrenheit, wind speed in MPH, and a word descriptor (*e.g.* "Sunny").
	Video	5.4k video resolution, 30 fps, 5472 by 3078 pixels' frames, and focal length of 8 mm.
	EV	String of 6 values, in increasing order of altitude and starting from the reference.

Table 1. Metadata information attached to every actor. Demographic category includes all descriptors that could aid in identification tasks, including outfit description.

Descriptors	Colors
Clothes, Hat, Gloves, Shoes	Red, Orange, Yellow, Green, Cyan, Blue, Purple, Pink, White, Gray, Black, Brown.
Hair	Black, Blond, Sandy, Brown, Gray, White, Red, Green, Blue, Pink, Other.

Table 2. List of colors associated to different metadata descriptors.

Distance	GSD [mm/pixel]	Face area [pixels]
10	4.242	1981
30	12.729	220
50	21.213	79
70	29.697	40
90	38.184	24

Table 3. Ground Sampling Distance (GSD) values at camera optical axis position, as well as the amount of pixels to cover the area of a person's face assuming a rectangle area of 155mm by 230mm.