

Supplemental File 2. Classification of data obtained through CS activities (based on Pocock et al. 2014 and Stevenson et al. 2021).

CS data category	CS data output	Description	Examples
Data collection	Images, video, sound recordings	Records for further analysis after submission	Pictures of invasive plant species or of butterflies
	Sensor data	Measurements by collected by sensors of observations that are difficult to collect otherwise	Information about air quality or noise
Sample collection	Physical samples	Samples for analysis by either the participants or professionals	Samples of water or mosquitos
Observation reporting	Objective observations	Report objective observations (information from instrument readings, counts, etc)	Counting bird or pollinator species, or submitting information about extreme weather events
	Subjective observations	Report observations about the participants'	Perceived air quality or health

CS data category	CS data output	Description	Examples
		personal perceptions	status
Sorting and classifications	Sorting and classification of physical objects/samples	Sorting and classification of physical objects	Count and sort artifacts or plants
	Sorting and classification of digital objects	Sorting and classification of digital objects and data	Classify galaxies from digital images or nanoparticles and clusters
Algorithm development	Algorithms	Development or modification of algorithms	Submitting steps for protein 3-D folding wrt protein function or for solving computing challenges