* Data set name: Video pulse signals in stationary and motion conditions
* The names of the creators of the data set: A. Melchor Rodríguez and J. Ramos-Castro.
* Data set description: The data set contains 40 pulse signal recordings obtained from 15 healthy volunteers (12 men and 3 women between 23 and 35 years). The data acquisition was performed on simultaneous recording of a video of the face and a reference system in a sitting position. The reference signal was recorded with a finger pulse sensor at a sampling frequency of 1 kHz. The video pulse signals were obtained from videos recorded by two camera models at 15 and 60 frames per second respectively. As part of the study, only 5 subjects were recorded by both cameras. Two recordings of about 1 min were acquired in each subject in stationary and motion conditions. 50 s of the recordings were considered in order to analyze the same record length in all subjects.

Each recording contains:

* Reference pulse signal (sRef)
* Video pulse signal (sVid)
* Sampling frequency of the reference pulse signal (FsRef)
* Sampling frequency of the video pulse signal (FsVid)
* Time offset between reference and video signals (tOffset)

The record name is formed as **subj\_x\_y\_z** where:

* **subj:** subject
* **x:** number of subject
* **y:** condition of the recording (s = stationary; m = motion)
* **z:** camera (c1 = camera 1 (Logitech model); c2 = camera 2 (GoPro model))
* References to any published works that describe or make use of the data set: No published work is available at this time. The study that makes use of this dataset will be under review in order to be published.
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