Cardio Data:

Article : <https://revistas.ucr.ac.cr/index.php/pem/article/view/41360>

Data Source : <https://data.mendeley.com/datasets/vmwrtj29kr/1>

Codes:

Exercise: Running = 0, Skipping = 1

Running Speed: 7km/h = 0, 8.5km/h = 1, 11.5km/h = 2, 13km/h = 3

Skipping Speed: Rest = 0, 3km/h = 1, 5km/h = 2, 7km/h = 3, 9km/h = 4

Time: minutes

RF: Respiration Frequency – Number of breaths per minute

HR: Heart Rate - beats per second

Oxygen: ml/min/kg

Participant: Subject number

Kaggle Data:

Article & Data: <https://www.kaggle.com/datasets/andreazignoli/cycling-vo2>

Codes:

Time: minutes

Power:

Oxygen:

Cadence: ml/min/kg

HR: Heart Rate – beats per minute

RF: Respiration Frequency – Number of breaths per minute

Participant: Subject number

Method:

Note: All data is related to cycling

Malaga Data:

Article: <https://www.tandfonline.com/doi/abs/10.1080/15438627.2021.1954513?journalCode=gspm20>

Data: <https://physionet.org/content/treadmill-exercise-cardioresp/1.0.1/>

Codes:

Time: Time since the measurement starts, in seconds

Speed: Speed of the treadmill, in km/h

HR: Heart rate, in beat per min

VO2: Oxygen consumption, in mL/min

VCO2: Carbon dioxide production, in mL/min

RR: Respiration rate, in respiration per minute

VE: Pulmonary ventilation, in L/min

ID: Participant identification

ID\_test : Effort test identification