References:

<http://www.researchgate.net/publication/49686092_Relationship_between_Lactate_Concentrations_in_Active_Muscle_Sweat_and_Whole_Blood>

<http://www.sciencedirect.com/science/article/pii/S0956566313008257>

<http://pubs.rsc.org/en/Content/ArticleLanding/2013/AN/c3an01672b#!divAbstract>

<https://www.nlm.nih.gov/medlineplus/sweat.html>

<http://www.acs.org/content/acs/en/pressroom/presspacs/2013/acs-presspac-july-24-2013/first-human-tests-of-new-biosensor-that-warns-when-athletes-are-.html>

We assume that the data for following parameters is already available with us from sensors….

1. Lactate
2. Sodium
3. Ammonia

Subject Under monitor

Athlete:

1. Age, Sex, Height, Weight, Body Temperature
2. The body part from which sweat is monitored

Environment under study:

1. Room Temperature
2. Humidity
3. Altitude

Bio Sensor that is used

1. wearable potentiometric sensors
2. fabric-based conductometric sensors