File naming is as follows: CALMorSTRESS_{participant_id}_{text_id}

Participant number [1-46] first version dataset.

Sağbaş, E. A., Korukoglu, S., & Balli, S. (2020). Stress detection via keyboard typing behaviors by using smartphone sensors and machine learning techniques. Journal of Medical Systems, 44(4), 1-12.

[47-110] extended version dataset.

In addition to the first version data set, raw data 45 (the number of times the frame has been touched), 46 (participant-written text) and 47 (the text to be written) have been added in the extended version.

Feature descriptions

1: participant id

2: age

3: gender

4: key press count

5: delete key press count

6: text id

7: the length of the text to be written

8: accelerometer sensor x-axis values

9: accelerometer sensor y-axis values

10: accelerometer sensor z-axis values

11: accelerometer sensor magnitude-axis values

12: gravity sensor x-axis values

13: gravity sensor y-axis values

14: gravity sensor z-axis values

15: gravity sensor magnitude-axis values

16: linear acceleration sensor x-axis values

17: linear acceleration sensor y-axis values

18: linear acceleration sensor z-axis values

19: linear acceleration sensor magnitude-axis values

20: gyrscope sensor x-axis values

21: gyrscope sensor y-axis values

22: gyrscope sensor z-axis values

23: gyrscope sensor magnitude-axis values

24: magnetometer sensor x-axis values

25: magnetometer sensor y-axis values

26: magnetometer sensor z-axis values

27: magnetometer sensor magnitude-axis values

28: light sensor value

29: proximity sensor value

30: game rotation vector sensor x-axis values (Rotation vector component along the x axis (x * sin(θ/2)).)

31: game rotation vector sensor y-axis values (Rotation vector component along the y axis (y * sin(θ/2)).)

32: game rotation vector sensor z-axis values (Rotation vector component along the z axis (z * sin(θ/2)).)

33: game rotation vector sensor magnitude-axis values

34: rotation sensor values (Rotation vector component along the x axis (x * sin(θ/2)).)

35: rotation sensor values (Rotation vector component along the y axis (y * sin(θ/2)).)

36: rotation sensor values (Rotation vector component along the z axis (z * sin(θ/2)).)

37: rotation sensor values (Scalar component of the rotation vector ((cos(θ/2)).)

38: rotation sensor values

39: magnitude value of rotation sensor values.

40: azimuth (angle around the z-axis) value of orientation sensor.

41: pitch (angle around the x-axis) value of orientation sensor.

42. roll (angle around the y-axis) value of orientation sensor.

43: magnitude value of orientation sensor.

44: number of steps taken.

45: the number of times the frame has been touched.

46: participant-written text.

47: the text to be written.