# SELFLIFE: An Android Based Healthcare System 

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## 1. ABSTRACT:

Mobile applications for activity monitoring have potential of efficient improvement in the field of healthcare. The monitoring of all fitness activity should be easy for user. Generally monitoring required special sensor devices that are affixed at different locations, so these are not suitable for daily usage. Movement monitoring based on accelerometer enables to use of smart phones for monitoring daily activity. So carrying a smart phone in a pocket will provide all information of the performed activity by user (Gerald et al. 2009). In this project, we have developed the method, and using that method to we are detecting daily activities like walking, resting, running, sleeping or standing.

It is difficult to affix multiple sensors at different locations of body. To reduce the problems for users, we present in this project, a flexible framework in terms of an mobile application and a web based tool that measures the data and provide analysis in graphical form.

We have worked on distinguishing and monitoring some basic human activities such as walking, running etc. Since we plan to implement the system mostly for those who are fitness aware or those who want to research in this area, simplicity of the application is very important. We also focused for researchers who are working in the field of some diseases like neurodegenerative disease (Parkinson's disease). So here, we have successfully implemented an algorithm that would not require the acceleration sensor to be fixed in a specific position (the smart phone itself in our application). The application developed in this project is hosted at http://genomeinformatics.dtu.ac.in/selflife/ .

Keywords: Self life, Activity monitoring, fitness tracking, Smart sensor, Motion Sensors, Motion detection, Accelerometer.

## 2. INTRODUCTION

An activity tracker is an application for monitoring and tracking fitness-related metrics such as distance walked or run, calorie consumption, and in some cases heartbeat and quality of sleep.

With an ever increasing number of smart phones today which are capable of recording motion, location, vision and audio, there are numerous applications that can make use of the multisensory data, such as context-aware services, health monitoring, augmented memory, and life logging. Life logging refers to a long term process of automatically collecting sensory data using wearable devices, and storing the data into a personal multimedia form for browsing, annotating, and searching. A life logging system will be particularly useful if it is capable of recognizing high level experiences of users from low level sensory streams without requiring the user to manually annotate the huge amount of data (Jihun et al. 2012).

In this project, we present a life logging system for capturing daily experience of user by collecting multisensory streams on a smart phone and automatically annotating the daily activity with high level tags.

Commonly for monitoring, multiple sensor devices are being affixed at different locations such as ear, chest, arm, wrist, knee, ankle and waist. But gyroscopes and accelerometers can also be used to gather such information (Melis et al. 2012). We know that accuracy will be increased by using multiple sensors but it is not practical and comfortable way for users to wear multiple sensors.

So here we are proposing a convenient way of gathering such information by using smart phone device. Smart phone itself capable of gathering such information as it has inbuilt gyroscopes, accelerometers and proximity sensors. It also provide user understandable interface to learn and use these tools. So it is easy way of doing these measurement.

## 3. REVIEW OF LITERATURE

### 3.1 IMPORTANCE OF SELF-MONITORING:

Now days, self-monitoring emerged as tool for tracking fitness related data that is used by many healthcare organisation so that enough data may be available to the innovator to implement some new innovations in healthcare.

It is predicated that the population of elders will be major in near future. As we know that the health coast for elders is slightly higher than younger. So more better and efficient health care system need to be implemented. To implement new systems, innovators will need enough data to the specific problem. Also the prevention of many diseases may lie on these types of data monitoring. Self-monitoring or home based approaches are the only feasible way looking for these types of monitoring

As we know, smart phones have built in accelerometers to measure acceleration or displacement without any other device (Gorricho et al., 2009; Gyorbiro et al., 2009; Ryder et al., 2009). And also, the smart phones have power resources, memory storage, and data transmission feature. So we can store data in mobile phone and send it to remote database like server.

Patient has to only download the application, and install it into their phone. Data is automatically collected and analyzed by phone. So Mobile phones provide automatic and convenient way to real time monitoring of physical activities. Using accelerometer data, we can perform and provide computation analysis of the activities user for both healthy and patient with Parkinson's disease (Mark et al. 2012).

### 3.2 MOTION SENSORS

In the smart phones, the Android system itself provides several sensors for monitoring the motion of sensor presented in the device. These are of two types on the basis of their nature.

1. Hardware Based
2. Software Based

Out of these, accelerometer and gyroscope are always hardware based; and others may be either hardware-based or software-based. These are gravity, linear acceleration, and rotation vector sensors. The software-based sensors are used for monitoring motion from the accelerometer in a few devices. In some other devices the gyroscope is also used to derive the data. Most of the android based smart phones contain an accelerometer. Some smart phones also have a gyroscope. The software-based sensors depend on one or more hardware sensors for monitoring

Motion sensors are used for device movement monitoring as shake, tilt, swing, or rotation. The movement may be reflected directly by user input, or it is also effected by the physical environment presence in which device is present. It has two cases as:

- Measurement with respect to the device's frame
- Measurement with respect to the environment's frame

In general, motion sensors can't be used independently to determine device position. Some other sensors needed with motion sensors like the geomagnetic field sensors, to measure motion of a device and also the position related to the environment.

All motion sensors return multi-dimensional vectors (Array of values) for each instance. These instances are called SensorEvent. For example, in a single measure, the accelerometer returns acceleration data in terms of value of the three coordinate axes, and the gyroscope reflects the rate of rotation of device with respect to the three coordinate axes. Here data is in terms of force. These values are returned in an array of float along with instance parameters.

All the data values we get, is in terms of force applied to the device. It is in unit of $\mathrm{m} / \mathrm{s}^{2}$. All types of sensors have their specific property.

The acceleration sensor determines the acceleration measured by device in terms of force. Here force is applied to the sensor itself. So the acceleration (A) is:

$$
A=-\sum F / M
$$

F: force applied to the sensor itself
M: mass

And we know that acceleration is always be influenced by gravity. Due to gravity accelerometer reads measures as $\mathrm{g}=9.81 \mathrm{~m} / \mathrm{s}^{2}$ even if the phone is on the table (with no movement). Similarly, if the device is falling freely, it feels the force towards gravity. So the acceleration is towards the ground and accelerometer reads the value as $0 \mathrm{~m} / \mathrm{s}^{2}$. So the gravitational force must be adjusted to the accelerometer reading because it is measuring realtime acceleration of device. It is achieved by applying high pass filter. Similarly, to isolate the gravitational force low pass filer is used. So the acceleration should be modified as:

$$
\mathrm{A}=-\mathrm{g}-\sum \mathrm{F} / \mathrm{M}
$$

g: gravitational force $\left(9.81 \mathrm{~m} / \mathrm{s}^{2}\right)$

Some of the motion sensors that we found useful for our project perspective are as follows:

TABLE-3A: Motion Sensors
(Source - http://developer.android.com/guide/topics/sensors/sensors motion.html)

| Sensor | Sensor event values | Description | Unit |
| :---: | :---: | :---: | :---: |
| Accelerometer | SensorEvent.values[0] | Acceleration force along the x axis (including gravity). | $\mathrm{m} / \mathrm{s}^{2}$ |
|  | SensorEvent.values[1] | Acceleration force along the $y$ axis (including gravity). |  |
|  | SensorEvent.values[2] | Acceleration force along the z axis (including gravity). |  |
| Gravity | SensorEvent.values[0] | Force of gravity along the x axis. | $\mathrm{m} / \mathrm{s}^{2}$ |
|  | SensorEvent.values[1] | Force of gravity along the y axis. |  |
|  | SensorEvent.values[2] | Force of gravity along the z axis. |  |
| Gyroscope | SensorEvent.values[0] | Rate of rotation around the x axis. | $\mathrm{rad} / \mathrm{s}$ |
|  | SensorEvent.values[1] | Rate of rotation around the y axis. |  |
|  | SensorEvent.values[2] | Rate of rotation around the z axis. |  |
| Linear Acceleration | SensorEvent.values[0] | Acceleration force along the x axis (excluding gravity) | $\mathrm{m} / \mathrm{s}^{2}$ |
|  | SensorEvent.values[1] | Acceleration force along the $y$ axis (excluding gravity). |  |
|  | SensorEvent.values[2] | Acceleration force along the z axis (excluding gravity). |  |

Standard coordinate system is used in accelerometer based devices. So the following conditions may be possible when a device lie on a flat surface (table):

- If the device is pushed on the left, here it feels force to the right, the x axis acceleration is positive.
- If the device is pushed on the bottom, here it feels force to the top, the $y$ axis acceleration is positive.
- If the device is pushed upward with an acceleration of $\mathrm{Am} / \mathrm{s}^{2}$, the z axis acceleration is +9.81 , here the acceleration of the device $\left(+\mathrm{A} \mathrm{m} / \mathrm{s}^{2}\right)$ is adjusted by the force of gravity that is $\left(-9.81 \mathrm{~m} / \mathrm{s}^{2}\right)$.
- The stationary device has an acceleration value of +9.81 , here the acceleration of the device $\left(0 \mathrm{~m} / \mathrm{s}^{2}\right)$ is adjusted by the force of gravity $\left(-9.81 \mathrm{~m} / \mathrm{s}^{2}\right)$.


Figure 1: Device coordinate system used by the Sensor API
(Source - http://developer.android.com/guide/topics/sensors/sensors motion.html)

It is concluded that accelerometer is perfect sensor for our project to monitoring device motion. It has following advantages as:

- Found in almost every android devices(both handsets and tablets)
- Less power consumption

The Only drawback is that low-pass and high-pass filters need to be implemented to eliminate gravitational forces and noise reduction.

## 4. METHODOLOGY

### 4.1 SYSTEM:

Our system consists of a mobile app, a server infrastructure, a user web interface.

Mobile App is an android application that is installed on android mobile phone. This app in general collects the data of accelerometer readings as changes occur due to activity of user and store it to local database with state chosen by user as following figures. The initial version of this app is created by which calibration and standardization of parameters is to be done from data that is collected in initial level.

Web interface is an interface to the user on the web using which user can get the complete analysis of his activity.

### 4.2 TECHNOLOGIES USED:

$>$ Android SDK: It is a Software Designing Tool, used to design android application
> XML(Extensible Markup Language): Application architecture for android application
$>$ SQLite: It is Database, used to store data in android device
$>$ HTML \& CSS: Application Layer for web interface
> JSP: Application Architecture for web interface

### 4.3 DATA EXTRACTION:

We use accelerometer to monitor data from device. Accelerometer gives three values respective to coordinate axis.

Table 4A: Accelerometer values

| VALUES | SPECIFICATION |
| :--- | :--- |
| Sensor Event values 1 | x-axis acceleration |
| Sensor Event values 2 | y -axis acceleration |
| Sensor Event values 3 | z -axis acceleration |

In default configuration, accelerometer takes 350 entries per second. To minimize resource consumption, we gave 1.2 microsecond delay to sensor. So now accelerometer takes 75 event values per second. As it takes 75 recording per second, it demands for huge memory resource. And we know that the smart phones have memory limitations. So it is necessary to reduce data size. So now in every 20 minutes interval data is back up to server and phone memory is truncated. And a global database is created that is used by both smart phone device and web interface.

Presently we have decided to demonstrate these following activities in our app:

1. Resting
2. Walking
3. Fast walking
4. Slow walking
5. Very slow walking
6. Running
7. Fast running
8. Slow running
9. Very slow running

In the initial phase, a specific application was created. That application is installed in user's phone. In this version of application, user has to select the activity on the application. So movements were labeled according to the specific activity that is performed by user.

### 4.4 MOBILE APPLICATION IMAGES:

These are the images of android application developed in initial edition.

合 ShakeApp
Fị̂l ShakeApp
은 ShakeApp

Shake Your Mobile
X-Axis Y-Axis Z-Axis
Walking
Running
Slow walking
Deep Sleep
Non Deep Sleep
Resting
Sitting
Standing
Stairs Climbingsiting
Mountaineering
4. Stairs Climbing
5.Standing
6.Sitting

7.Resting


8.Non Deep Sleep

9.Deep Sleep

Figure 2 : Mobile Appication images of initial application

These are the images of android application developed in second edition. This is the final version of application after all modification. It is fully automated system.


Figure 3 : Mobile Appication images of final application
4.5 WEB IMAGES: (www.genomeinformatics.dtu.ac.in/selflife)


Figure 4 : Home Page - www.genomeinformatics.dtu.ac.in/selflife (to download the app)


Figure 5 : Tutorial Page (how to install app in device)


Figure 6 : Contact Page


Figure 7 : Login Page - www.genomeinformatics.dtu.ac.in/selflife/login (to view results)

### 4.6 DATA PROCESSING AND CLASSIFICATION

The accelerometer signals were pre-processed as following procedure: the recordings were formed into vector which is found by performing an activity selected by user for some duration. Data is also labelled by the specific activity which was selected by the user. Then a cumulative average was prepared with respect to sensor event values. According to the values with user specified activity, data is characterised.

The final algorithm implemented in this application mainly fetching information from the accelerometer sensor. Then data is analysed and processed according to pre characterized standard. Then data is primarily stored into smart phone memory. This data is also transferred to the server in regular intervals and phone memory is truncated then.

## 5. RESULTS

First, we computed a classification of accuracy measure that can be compared across studies. These measures give a standard to each specific activity. According to these standards, we further processed and modified the app that is fully automatic, in which no need to select the activity manually; it automatically detects the activity corresponding to user, and stores the data. So user is now hassle free.

We have created an initial version of application so that we can classify standards related to each of specific activity. This application stores data of user in a specific format that I called as vector. It is as follows:

## Activity: X-axis: Y-axis: Z-axis

Here Activity refers to demonstration that is selected by the user like walking, running etc. And X -axis, Y -axis, Z -axis refers to displacement, dislocation or movement measures respective to their axis.

We have installed this application in a few android devices, and got the data of the user's activity that is monitored by the application we have developed. Using the analysis of data, a standard is assumed so that activity parameters can be standardized and classified. Android application is also modified according to standardized classification. This version is fully atomized. User may also see the results on web interface and get full analysis of his daily time activity.

Table 5A : Data of 7 users using initial application

| Vector Column 1 | Vector Column 2 | Vector Column 3 |
| :--- | :--- | :--- |
| null:0.0:0.0:0.0 | null:0.0:0.0:0.0 | null:0.0:0.0:0.0 |
| null:0.0:0.0:0.0 | null:0.0:0.0:0.0 | null:0.0:0.0:2.1930008 |
| null:0.0:0.0:2.4230003 | null:0.0:0.0:0.0 | null:0.0:0.0:0.0 |
| null:0.0:0.0:0.0 | null:0.0:0.0:0.0 | null:0.0:0.0:0.0 |
| null:0.0:0.0:0.0 | null:0.0:0.0:0.0 | null:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0:0:0:0.0.0 | walking:0.0:0.0:0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0:0.0:0:0.0 | walking:0.0:0.0:0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0:0.0 | walking:0.0:0:0:0:0:0:0 |
| walking:0.0:0.0:0.0 | walking:0.0:0:0.0:0.0 | walking:0.0:0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0:0.0 | walking:0.0:0.0:0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.7389998:2.4889998:0.0 |  |
| walking:0.0:0.0:0.0 |  |  |


| walking:0.0:2.193:2.212 | walking:0.0:2.011:0.0 | walking:3.121:2.326:2.4230003 |
| :---: | :---: | :---: |
| walking:0.0:0.0:2.078 | walking:0.0:0.0:3.3330002 | walking:0.0:0.0:2.835 |
| walking:2.0970001:0.0:0.0 | walking:0.0:0.0:0.0 | walking:3.1409998:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.4380002:2.652:0.0 | walking:2.93:0.0:0.0 |
| walking:0.0:0.0:4.5009995 | walking:3.304:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.28:0.0:3.2749996 | walking:2.73:2.326:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:2.088:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.921 |
| walking:2.4429998:0.0:3.8119998 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.0790005 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:3.1499996 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
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| walking:0.0:0.0:2.3950005 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.9590006 |
| walking:0.0:0.0:2.2020006 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
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| walking:0.0:2.538:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
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| walking:2.1929998:0.0:3.0930004 | walking:2.03:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
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| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.9689999 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:5.41:0.0:2.5670004 | walking:4.528:2.1539998:0.0 | walking:7.605:6.052:0.0 |
| walking:0.0:2.5379999:0.0 | $\begin{aligned} & \text { walking:18.473:7.5839996:5.075 } \\ & 9997 \end{aligned}$ | walking:0.0:4.731:0.0 |
| walking:7.9009995:4.4049997:0.0 | walking:7.584:4.952:2.4710002 | walking:0.0:0.0:0.0 |
| walking:4.941:2.3649998:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.28:0.0:0.0 |
| walking:0.0:0.0:2.4810004 | walking:6.751:0.0:5.1910005 | walking:2.1260004:2.0589998:3.9 26 |
| walking:2.7100003:0.0:0.0 | walking:2.94:0.0:2.4229999 | walking:0.0:0.0:0.0 |
| walking:4.1569996:0.0:2.7100005 | walking:0.0:0.0:3.7159996 | walking:2.586:0.0:4.731 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:3.1599998 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:7.3450003 | walking:2.3839998:0.0:3.428 |
| walking:0.0:0.0:2.567 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
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| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:6.656 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:5.143 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:4.885 | walking:0.0:0.0:0.0 | walking:0.0:0.0:4.76 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:5.507 | walking:0.0:0.0:2.7010002 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.4519997 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |


| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| :---: | :---: | :---: |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.824:0.0:0.0 |
| walking:2.212:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.4320002:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.902 | walking:0.0:0.0:0.0 | walking:2.7970002:2.337:2.5 |
| walking:2.126:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.04 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.1739998 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |


| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| :---: | :---: | :---: |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.5 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:4.8650002:2.6820002:0.0 | walking:4.693:2.5759997:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.1070004 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:2.078:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |


| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| :--- | :--- | :--- |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.663 | null:0.0:0.0:0.0:0.0.0 | walking:2.145:0.0:0.0 |
| walking:0.0:0.0:0.0 | wall:0.0:0.0:0.0 | walking:0.0:0.0:2.0:0 |


| walking:0.0:0.0:0.0 | walking:0.0:0.0:3.074 | walking:0.0:0.0:0.0 |
| :---: | :---: | :---: |
| walking:0.0:0.0:0.0 | walking:4.7019997:0.0:4.291000 $4$ | walking:3.725:0.0:7.3840003 |
| walking:2.097:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:4.396:0.0:0.0 | walking:4.205:3.638:2.921 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.4520001:0.0:0.0 | walking:0.0:0.0:3.361 | walking:3.151:0.0:4.989 |
| walking:3.505:2.183:5.0179996 | walking:0.0:0.0:0.0 | walking:2.0400004:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:2.098:2.077 | walking:0.0:0.0:4.615 |
| walking:0.0:0.0:2.9499998 | walking:0.0:0.0:0.0 | walking:0.0:3.513:3.264 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.1540003:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:6.99:0.0 |
| walking:0.0:6.828:0.0 | walking:0.0:2.5:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:2.3470001:2.412 | walking:0.0:3.716:3.073 |
| walking:0.0:0.0:2.479 | walking:3.198:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.231:0.0:0.0 |
| walking:2.0019999:0.0:0.0 | walking:3.2369995:0.0:0.0 | walking:2.231:3.676:0.0 |
| walking:3.1599998:5.0550003:0.0 | walking:0.0:3.3230002:3.16 | walking:0.0:0.0:2.05 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:2.0110002:0.0 | walking:0.0:0.0:0.0 | walking:2.2599998:2.6150002:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.8440003:0.0:0.0 | walking:2.3470001:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.442 | walking:0.0:2.6039999:0.0 |
| walking:2.2799997:4.118:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.269:0.0:0.0 | walking:2.1540003:0.0:0.0 | walking:0.0:3.5630002:2.7199998 |
| walking:0.0:0.0:0.0 | walking:2.9019995:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.17:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.4519997:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:3.5819998 |
| walking:0.0:0.0:0.0 | walking:0.0:2.202:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.0109997:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.4230003:2.613:0.0 | walking:0.0:2.02:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.079 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.059 | walking:2.012:0.0:2.0690002 |
| walking:0.0:2.461:0.0 | walking:2.1740003:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:3.2470002 | walking:0.0:0.0:2.6720004 |
| walking:2.644:0.0:2.021 | walking:0.0:2.174:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:3.0639997:0.0 | walking:5.5930004:0.0:4.137 |
| walking:0.0:0.0:2.8920002 | walking:0.0:0.0:5.7650003 | walking:0.0:2.4510002:3.6290002 |


| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| :--- | :--- | :--- |
| walking:0.0:0.0:4.3 | walking:2.413:0.0:2.165 | walking:0.0:0.0:3.6679997 |
| walking:0.0:0.0:4.549 | walking:0.0:0.0:0.0 | walking:6.071:2.2319999:0.0 |
| walking:3.304:0.0:0.0 | walking:0.0:0.0:0.0 | walking:3.2080002:3.591:0.0 |
| walking:2.6529999:4.9419994:0.0 | walking:4.1949997:5.7749996:5. | walking:0.0:0.0:0.0 |
| walking:4.692:2.797:0.0 | walking:0.0:0.0:0.0 | walking:3.256:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:3.6490002 | walking:0.0:4.0609994:2.192 |
| walking:0.0:0.0:4.309 | walking:3.553:0.0:2.2319999 | walking:2.1549997:3.2470007:2.7 |
| walking:5.248:5.995001:3.649000 | walking:3.8309999:6.0620003:2. | walking:0.0:3.95500004:0.0 |
| 0 | wa | walking:5.89000003:5.4110003:5.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:3.065:7.815:6.5420003 | walking:9.739:3.2369995:9.222 | walking:0.0:0.0:3.379 |
| :--- |


| walking:0.0:0.0:3.5709999 | walking:3.284:0.0:2.508 | walking:2.748:4.1660004:0.0 |
| :---: | :---: | :---: |
| walking:0.0:0.0:0.0 | walking:2.863:6.4070005:0.0 | walking:0.0:5.229:3.9060001 |
| walking:0.0:3.342:5.247 | walking:0.0:8.217:2.432 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:6.166:16.904:18.867 | walking:5.795:8.668:17.268 |
| walking:12.708:4.99:7.163 | walking:0.0:9.788:10.151 | walking:2.605:0.0:10.275 |
| walking:5.708:2.5000005:5.333 | walking:0.0:0.0:3.313 | walking:2.23:0.0:0.0 |
| walking:0.0:0.0:3.159 | walking:5.027:0.0:0.0 | walking:4.271:2.4709997:0.0 |
| walking:0.0:0.0:2.2020001 | walking:0.0:4.9519997:0.0 | walking:7.834:5.335:0.0 |
| walking:3.2570004:5.134:0.0 | walking:5.5529995:3.677:3.256 | walking:4.634:3.209:2.671 |
| walking:0.0:0.0:0.0 | walking:11.137:17.487999:18.63 7 | walking:0.0:7.585:17.478 |
| walking:10.773:4.1470003:8.034 | walking:0.0:12.048:10.016 | walking:6.369:3.3040004:6.751 |
| walking:2.854:0.0:0.0 | walking:2.6339998:0.0:0.0 | walking:4.376:2.4520006:0.0 |
| walking:0.0:0.0:3.849 | walking:3.476:0.0:2.585 | walking:3.9450002:0.0:2.681 |
| walking:0.0:0.0:3.9829998 | walking:3.255:4.2530003:2.279 | walking:3.573:3.7259998:0.0 |
| walking:4.942:0.0:0.0 | walking:0.0:4.865:3.523 | walking:3.209:5.21:0.0 |
| walking:0.0:0.0:2.709 | walking:22.533998:18.302:2.165 | walking:14.575999:13.167999:0.0 |
| walking:6.234:12.354:9.739 | walking:2.126:12.287001:8.236 | walking:2.011:3.6099997:5.008 |
| walking:2.164:0.0:0.0 | walking:2.432:0.0:0.0 | walking:0.0:0.0:2.681 |
| walking:4.366:0.0:0.0 | walking:0.0:3.3520002:0.0 | walking:4.174:0.0:0.0 |
| walking:0.0:4.1760006:0.0 | walking:9.653:9.194:6.435 | walking:6.225:13.799999:2.413 |
| walking:0.0:3.1410003:0.0 | walking:2.9689999:5.9280005:0. <br> 0 | walking:2.3370001:0.0:0.0 |
| walking:0.0:3.7919998:6.511 | walking:23.195:13.897001:6.598 | walking:27.265:7.672001:2.777 |
| walking:6.206:0.0:0.0 | walking:0.0:10.037:5.651 | walking:0.0:11.023:3.716 |
| walking:0.0:5.574:2.5279999 | ```walking:0.0:2.9310002:3.246999 7``` | walking:0.0:0.0:3.102 |
| walking:4.222:0.0:0.0 | walking:0.0:0.0:6.1099997 | walking:3.495:0.0:6.359 |
| walking:0.0:5.0179996:3.1790001 | walking:11.789:11.224:3.467 | walking:5.795:10.516:0.0 |
| walking:3.6090002:0.0:0.0 | walking:8.35:5.689:0.0 | walking:0.0:0.0:0.0 |
| walking:7.278:18.475:20.428 | walking:7.2590003:10.746:15.10 4 | walking:8.972:5.727:13.694 |
| walking:0.0:11.205:15.466 | walking:0.0:0.0:10.093 | walking:0.0:0.0:0.0 |
| walking:0.0:4.272:0.0 | walking:0.0:2.7480001:0.0 | walking:2.1069999:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.8639998 | walking:2.345:0.0:7.1930003 |
| walking:0.0:0.0:6.177 | walking:0.0:0.0:2.5 | walking:0.0:0.0:0.0 |
| walking:0.0:2.04:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.93 |
| walking:0.0:0.0:2.0779998 | walking:0.0:0.0:0.0 | walking:0.0:2.8440008:4.1569996 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.1069999 | walking:2.02:0.0:0.0 |
| walking:2.6239998:0.0:0.0 | walking:0.0:2.4709997:3.993 | walking:0.0:3.8400002:3.1399999 |
| walking:0.0:2.4420004:0.0 | walking:0.0:2.1259995:0.0 | walking:0.0:3.1800003:0.0 |
| walking:3.8500001:0.0:0.0 | walking:4.615:8.974:3.2749999 | walking:2.5279999:2.7110004:0.0 |
| walking:0.0:0.0:0.0 | walking:5.651:6.3690004:4.175 | walking:0.0:3.3520002:2.738 |
| walking:2.079:2.3849998:5.076 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.758 |


| walking:0.0:0.0:0.0 | walking:2.049:0.0:0.0 | walking:3.247:0.0:0.0 |
| :---: | :---: | :---: |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:3.5049999:4.386 | walking:0.0:9.318:7.882 |
| walking:24.727001:6.3310003:0.0 | walking:0.0:0.0:16.501 | walking:8.054999:8.716001:6.665 |
| walking:10.514999:5.7939997:0.0 | walking:6.588:0.0:4.6150002 | walking:4.894:6.4160004:3.343 |
| walking:5.6410003:6.724:3.333 | walking:2.27:4.1760006:4.778 | walking:4.434:7.3169994:0.0 |
| walking:0.0:5.038:0.0 | walking:0.0:0.0:5.5629997 | walking:0.0:2.376:0.0 |
| walking:0.0:5.2380004:2.0110002 | walking:2.174:0.0:0.0 | walking:0.0:0.0:2.624 |
| walking:0.0:0.0:4.022 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.116 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.3460002 | walking:0.0:0.0:4.6159997 | walking:2.021:0.0:3.7069998 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:3.025 |
| walking:2.882:0.0:0.0 | walking:2.336:0.0:0.0 | walking:0.0:0.0:3.705 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:2.9399996:0.0 |
| walking:0.0:2.8930006:0.0 | walking:5.2000003:0.0:0.0 | walking:2.47:5.325:3.284 |
| walking:4.703:5.1140003:0.0 | walking:2.0010004:0.0:0.0 | walking:5.229:5.479:3.513 |
| walking:0.0:3.5810003:0.0 | walking:0.0:2.2509995:4.893 | walking:2.7189999:2.5480003:2.3 56 |
| walking:0.0:0.0:4.875 | walking:2.586:2.3179998:0.0 | walking:2.46:0.0:0.0 |
| walking:3.0740001:2.5949998:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:3.3990002:3.8300002 |
| walking:0.0:10.009:6.274 | $\begin{aligned} & \text { walking:24.976:4.6450005:4.665 } \\ & 0004 \end{aligned}$ | walking:0.0:0.0:15.169001 |
| walking:9.223001:8.754:13.58 | walking:9.384999:5.9280005:0.0 | walking:7.8719997:2.04:3.677 |
| walking:5.133:6.781:6.771 | walking:2.652:5.8710003:0.0 | walking:2.3850002:3.0270004:9.0 49999 |
| walking:4.453:9.049999:0.0 | walking:0.0:6.0340004:5.946999 5 | walking:0.0:2.05:11.75 |
| walking:0.0:3.1409998:0.0 | walking:0.0:5.1720004:2.318 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:2.3079996:5.3729997 |
| walking:2.135:0.0:2.519 | walking:0.0:0.0:2.7289996 | walking:0.0:2.269:0.0 |
| walking:0.0:0.0:0.0 | walking:2.154:0.0:0.0 | walking:0.0:0.0:2.873 |
| walking:0.0:0.0:5.563 | walking:3.141:0.0:5.3059998 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.652 | walking:0.0:2.1160002:0.0 | walking:0.0:0.0:0.0 |
| walking:2.1729999:0.0:0.0 | walking:2.49:0.0:2.6529999 | walking:0.0:0.0:2.087 |
| walking:0.0:3.9359999:2.269 | walking:0.0:2.212:0.0 | walking:0.0:2.021:0.0 |
| walking:2.241:4.224:0.0 | walking:3.677:2.2320004:0.0 | walking:4.175:9.874:3.208 |
| walking:3.7929997:0.0:0.0 | walking:0.0:0.0:3.073 | walking:4.108:7.3450003:0.0 |
| walking:0.0:3.448:2.824 | walking:0.0:0.0:3.869 | walking:0.0:0.0:2.3079998 |
| walking:0.0:0.0:0.0 | walking:2.987:2.337:0.0 | walking:2.126:0.0:0.0 |
| walking:2.1929998:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.24 | walking:2.384:4.281:3.4769998 |
| walking:0.0:13.0060005:10.2 | walking:20.341:0.0:18.761 | walking:0.0:0.0:0.0 |
| walking:10.133:9.989:7.593 | walking:6.934:3.2470002:2.997 | walking:7.191:5.919:4.2130003 |


| walking:2.442:4.0409994:4.837 | $\begin{aligned} & \text { walking:5.9470005:3.276001:3.0 } \\ & 749998 \end{aligned}$ | walking:2.6910005:9.961:5.908 |
| :---: | :---: | :---: |
| walking:0.0:6.167:0.0 | walking:0.0:3.247:0.0 | walking:0.0:0.0:4.529 |
| walking:0.0:6.244:2.7100003 | walking:0.0:5.488:3.2370002 | walking:2.2979999:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:2.4139996:0.0 | walking:0.0:0.0:3.1699998 |
| walking:0.0:0.0:3.189 | walking:0.0:0.0:0.0 | walking:0.0:3.0739994:0.0 |
| walking:0.0:2.4519997:0.0 | walking:3.389:2.1359997:3.496 | walking:2.824:2.3850002:7.278 |
| walking:2.6340003:0.0:4.433 | walking:0.0:3.026:0.0 | walking:12.306:10.487:2.509 |
| walking:4.568:9.625:2.088 | walking:6.215:2.8920002:0.0 | walking:10.266:4.5299997:0.0 |
| walking:0.0:0.0:0.0 | walking:3.0360003:6.6660004:6. 301 | walking:17.506:5.0950003:5.4880 004 |
| walking:18.253:3.736:6.8659997 | walking:0.0:0.0:8.809999 | walking:0.0:4.1080003:7.699 |
| walking:0.0:8.111:0.0 | walking:2.1629999:4.769:0.0 | walking:0.0:3.4190006:3.687 |
| walking:2.164:2.2410002:0.0 | walking:3.303:2.4709997:4.356 | walking:3.792:0.0:6.55 |
| walking:0.0:3.2559996:3.3319998 | walking:2.5279999:8.1119995:0. <br> 0 | walking:9.452:11.656:0.0 |
| walking:4.635:10.746:0.0 | walking:3.907:0.0:0.0 | walking:6.9909997:3.6490002:0.0 |
| walking:0.0:2.308:2.8149998 | walking:11.741:18.58:18.896 | walking:2.4319997:11.828001:15. 784 |
| walking:14.479:10.985001:7.957 | walking:2.049:16.406:4.174 | walking:0.0:5.2869997:2.211 |
| walking:2.0690002:3.9839997:0.0 | walking:3.131:4.8849998:0.0 | walking:3.074:5.565:0.0 |
| walking:4.128:0.0:3.849 | walking:0.0:2.1549997:5.688 | walking:6.904:0.0:6.368 |
| walking:0.0:0.0:3.3509998 | walking:8.906:9.108001:0.0 | walking:0.0:7.844:4.95 |
| walking:3.113:4.9520006:7.23 | walking:0.0:2.6999998:4.32 | walking:5.851:0.0:0.0 |
| $\begin{aligned} & \text { walking:4.0410004:5.9850006:11. } \\ & 5199995 \end{aligned}$ | ```walking:22.898:10.507:10.72499 9``` | walking:23.856:13.102:0.0 |
| walking:3.9930005:11.4539995:4. 472 | walking:4.9610004:15.256:6.932 9996 | walking:0.0:10.123:2.059 |
| $\begin{aligned} & \text { walking:2.883:4.5110006:3.45700 } \\ & 03 \end{aligned}$ | walking:0.0:0.0:4.9890003 | walking:0.0:0.0:0.0 |
| walking:3.361:0.0:3.533 | walking:2.422:0.0:5.659 | walking:2.452:0.0:4.9309998 |
| walking:0.0:3.5150003:3.676 | walking:11.09:10.938001:0.0 | walking:3.295:9.97:0.0 |
| walking:3.7529998:2.395:0.0 | walking:5.161:4.118:0.0 | walking:2.9110003:0.0:0.0 |
| walking:4.9700003:8.811:11.9030 01 | walking:16.817:4.0699997:9.490 001 | walking:16.798:3.2649994:7.3450 003 |
| walking:2.4129999:5.0190005:12. 823 | walking:0.0:0.0:11.205 | walking:0.0:6.991:0.0 |
| walking:0.0:4.472:0.0 | walking:0.0:2.4320002:3.362 | walking:0.0:0.0:0.0 |
| walking:3.016:3.2560005:3.523 | walking:2.987:0.0:8.1970005 | walking:2.6430001:0.0:4.779 |
| walking:3.15:7.0199995:0.0 | walking:11.339001:11.359:3.408 | walking:6.9440002:10.928:0.0 |
| walking:3.322:0.0:0.0 | walking:6.416:4.108:0.0 | walking:0.0:0.0:2.423 |
| walking:8.983:18.398:20.025 | walking:5.3530006:10.784:15.82 20005 | walking:12.612:7.901001:12.689 |
| walking:0.0:11.7230015:11.885 | walking:0.0:2.3660002:7.067 | walking:0.0:3.8119998:3.198 |
| walking:0.0:3.716:2.7289999 | walking:0.0:4.817:0.0 | walking:0.0:3.0169992:4.414 |
| walking:4.328:2.3079996:2.892 | walking:4.8640003:0.0:6.483 | walking:2.4420002:3.6490002:2.1 |


|  |  | 94 |
| :---: | :---: | :---: |
| walking:2.7200003:7.892:0.0 | walking:10.141:11.704:2.03 | walking:5.957:10.555:0.0 |
| walking:4.472:0.0:0.0 | walking:6.521:4.233:0.0 | walking:0.0:0.0:0.0 |
| walking:3.4669998:11.886001:12. 114 | walking:14.719:2.5100002:9.395 | walking:14.039:2.7960005:9.212 |
| walking:2.6529999:2.5760002:9.9 $3$ | walking:2.011:7.384:6.713 | walking:0.0:9.137:0.0 |
| walking:0.0:5.162:2.155 | ```walking:0.0:3.1410003:2.327000 1``` | walking:2.221:0.0:0.0 |
| walking:3.6100001:0.0:0.0 | walking:0.0:2.059:4.232 | walking:6.7609997:2.184:5.05599 98 |
| walking:0.0:6.3119993:0.0 | walking:9.96:11.436:2.968 | walking:2.9210002:8.62:2.987 |
| walking:2.605:4.1850004:3.658 | walking:0.0:0.0:3.4390001 | walking:5.344:0.0:0.0 |
| walking:5.526:0.0:5.477 | walking:21.174:14.614:8.666 | walking:24.880999:14.441999:0.0 |
| $\begin{aligned} & \text { walking:3.0640006:13.188:4.4040 } \\ & 003 \end{aligned}$ | walking:4.7020006:15.592:6.406 | walking:0.0:10.774:2.3849998 |
| walking:2.5279999:4.8650007:0.0 | walking:0.0:0.0:0.0 | walking:2.3270001:0.0:0.0 |
| walking:3.944:0.0:2.613 | walking:2.241:3.4379997:4.079 | walking:5.276:0.0:6.157 |
| walking:2.059:0.0:4.538 | walking:8.063:4.587:0.0 | walking:2.749:0.0:4.74 |
| walking:6.406:10.265999:7.115 | walking:2.958:0.0:4.1949997 | walking:3.649:2.174:0.0 |
| walking:0.0:0.0:5.266 | walking:24.497:15.726:12.085 | $\begin{aligned} & \text { walking:20.408:16.387001:7.8430 } \\ & 004 \end{aligned}$ |
| walking:9.405:16.377:5.439 | walking:6.9529996:17.124:10.76 30005 | walking:0.0:6.4170003:7.861 |
| walking:2.557:0.0:0.0 | walking:2.652:4.003:0.0 | walking:0.0:3.9739995:0.0 |
| walking:2.346:0.0:2.509 | walking:2.384:4.1280003:2.193 | $\begin{aligned} & \text { walking:6.4830003:2.0880003:3.2 } \\ & 46 \end{aligned}$ |
| walking:0.0:0.0:3.8390002 | walking:9.518:2.538:0.0 | walking:2.4039998:0.0:5.458 |
| walking:6.608:10.650001:9.701 | walking:0.0:0.0:5.3729997 | walking:4.396:2.969:0.0 |
| walking:3.3620002:0.0:6.5690002 | walking:22.572:16.473:11.951 | walking:20.101:17.029:6.311 |
| walking:9.798:17.019001:0.0 | walking:7.413:15.534:0.0 | walking:0.0:5.277:0.0 |
| walking:0.0:0.0:4.042 | walking:3.447:2.538:5.268 | walking:3.0169997:2.4709997:0.0 |
| walking:3.6109998:0.0:2.5670002 | walking:2.949:4.703:3.822 | walking:6.7419996:2.6149998:5.6 79 |
| walking:0.0:3.0360003:4.041 | walking:8.13:7.9590006:0.0 | ```walking:2.0310001:3.0550003:2.0 58``` |
| walking:5.276:7.327:6.3199997 | walking:2.929:2.586:7.1819997 | walking:3.6869998:0.0:3.054 |
| walking:7.3539996:4.1089997:7.2 $87$ | walking:18.637001:12.517:9.700 001 | walking:23.693:10.19:0.0 |
| walking:0.0:2.8730001:6.7609997 | walking:0.0:9.587:5.0559998 | walking:0.0:10.315:2.48 |
| ```walking:2.5570002:3.7069998:6.3 68``` | walking:0.0:0.0:5.976 | walking:0.0:0.0:0.0 |
| walking:3.782:0.0:3.389 | walking:3.0830002:2.566:8.57 | walking:2.021:0.0:6.617 |
| walking:0.0:5.2:0.0 | walking:11.348:11.196:2.71 | walking:2.5759997:8.984:3.026 |
| walking:3.849:4.176:2.308 | walking:4.835:2.834:2.098 | walking:0.0:0.0:0.0 |
| walking:3.391:8.945001:9.911 | walking:21.222:5.823:10.802 | $\begin{aligned} & \text { walking:20.552:4.1660004:3.6009 } \\ & 998 \end{aligned}$ |


| walking:0.0:6.455:8.034 | walking:0.0:2.0310001:5.745 | walking:0.0:8.917:0.0 |
| :---: | :---: | :---: |
| walking:3.648:4.9799995:0.0 | walking:0.0:4.75:0.0 | walking:0.0:3.1990004:0.0 |
| walking:3.514:0.0:0.0 | walking:2.384:2.9119997:4.165 | walking:2.078:0.0:5.41 |
| walking:0.0:8.284:2.221 | walking:11.578:13.0060005:0.0 | walking:4.473:10.238:0.0 |
| walking:0.0:0.0:3.2849998 | walking:3.926:4.98:0.0 | walking:0.0:0.0:0.0 |
| walking:5.402:11.368:10.917 | walking:11.826:0.0:8.792 | walking:12.583:0.0:6.636 |
| walking:2.04:7.2499995:7.21 | walking:0.0:2.098:5.754 | walking:0.0:11.895:0.0 |
| walking:2.1069999:7.8150005:2.4 610002 | walking:0.0:5.028:2.3750002 | walking:2.05:0.0:4.567 |
| walking:3.2940001:0.0:2.356 | walking:3.15:3.3140001:9.729 | walking:2.011:2.2700005:7.038 |
| walking:2.001:8.016001:0.0 | walking:11.645:11.148001:3.6 | walking:7.499:9.999001:0.0 |
| walking:2.316:2.691:2.184 | walking:5.573:4.4539995:0.0 | walking:0.0:0.0:2.317 |
| walking:16.615:18.954:18.733 | walking:3.927:11.579:15.228 | walking:12.8220005:11.579:10.49 5 |
| walking:3.1599998:16.952:9.3169 99 | walking:0.0:4.3669996:7.124 | walking:3.5149999:4.5780005:3.6 490002 |
| walking:0.0:4.932:2.845 | walking:0.0:4.6829996:0.0 | walking:0.0:2.0690002:3.505 |
| walking:2.24:4.76:0.0 | walking:5.631:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:8.667:2.9689999:0.0 | walking:4.0130005:7.059:0.0 | walking:6.5610003:9.932:5.60100 03 |
| walking:0.0:2.6719995:3.7730002 | walking:4.9700003:3.237:0.0 | walking:0.0:0.0:2.632 |
| walking:25.167:18.743:8.312 | walking:21.519:13.839001:7.490 0002 | walking:10.084:13.101:0.0 |
| walking:9.117:19.316:0.0 | walking:2.595:14.910999:3.5519 998 | walking:4.29:5.6989994:0.0 |
| walking:0.0:0.0:0.0 | walking:2.768:0.0:0.0 | walking:4.29:0.0:2.527 |
| walking:0.0:3.342:5.802 | walking:4.404:0.0:4.203 | walking:0.0:5.0379996:0.0 |
| walking:12.421:11.771:3.045 | walking:4.4730005:8.371:3.801 | walking:3.6669998:4.08:2.719 |
| walking:5.8510003:4.808:0.0 | walking:0.0:0.0:0.0 | walking:2.806:10.689:12.468 |
| walking:13.981999:0.0:7.901 | walking:13.320999:0.0:13.254 | walking:2.4900002:7.422:12.363 |
| walking:0.0:0.0:9.94 | walking:2.087:3.639:5.641 | walking:2.049:2.5570002:0.0 |
| walking:0.0:4.243:0.0 | $\begin{aligned} & \text { walking:0.0:2.8639994:3.715000 } \\ & 2 \end{aligned}$ | walking:4.51:2.5669994:0.0 |
| walking:4.452:0.0:5.726 | walking:0.0:0.0:4.31 | walking:2.5:8.773001:0.0 |
| walking:12.123:13.045:2.71 | $\begin{aligned} & \text { walking:9.625:10.440001:2.2979 } \\ & 999 \end{aligned}$ | walking:0.0:0.0:2.8249998 |
| walking:5.9560003:5.6990004:0.0 | walking:0.0:0.0:0.0 | walking:18.376999:19.298:19.728 |
| walking:6.4069996:12.374001:14. 357 | walking:10.466:12.01:12.583 | walking:0.0:16.464:10.036 |
| walking:2.2979999:7.4419994:6.2 34 | walking:2.873:0.0:0.0 | walking:4.002:0.0:0.0 |
| walking:0.0:5.3439994:0.0 | walking:0.0:3.3429995:4.605 | walking:4.2130003:3.2179995:0.0 |
| walking:6.483:0.0:0.0 | walking:0.0:0.0:2.6529999 | walking:7.891:0.0:0.0 |
| walking:5.3719997:7.0389996:3.7 63 | walking:8.38:12.517:6.262 | walking:0.0:2.6820002:4.329 |
| walking:5.669:2.9299998:0.0 | walking:0.0:2.2410002:4.376 | walking:25.809:15.888:8.696 |


| walking:24.823:16.041:3.0169997 | walking:6.915:16.051:0.0 | walking:10.132999:18.407:0.0 |
| :--- | :--- | :--- |
| walking:2.0690002:11.348999:2.6 <br> 05 | walking:0.0:4.6359997:0.0 | walking:3.8109999:0.0:0.0 |
| walking:0.0:0.0:3.218 | walking:4.309:0.0:0.0 | walking:0.0:2.2410002:3.715 |
| walking:3.9739997:0.0:3.36 | walking:0.0:3.745:0.0 | walking:13.024:11.234:3.19 |
| walking:4.693:7.901:5.305 | walking:5.659:6.857:2.7 | walking:6.942:2.0210001:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:15.582001:18.215 | walking:18.483:6.474001:10.937 |
| walking:13.752:3.8119998:12.239 | walking:2.72:5.1529994:10.122 | walking:2.433:7.1059995:6.46300 |
| walking:0.0:6.0519996:0.0 | walking:0.0:3.3129997:2.222 | walking:2.288:2.7770004:4.31 |
| walking:2.078:0.0:0.0 | walking:4.423:0.0:0.0 | walking:3.1690001:2.1160002:6.2 |
| walking:2.547:0.0:5.2469997 | walking:3.438:6.733:0.0 | walking:12.440001:11.474:0.0 |
| walking:9.434:10.650001:2.289 | walking:2.6230001:0.0:0.0 | walking:10.985001:3.295:3.15999 |
| walking:0.0:0.0:0.0 | walking:2.8640003:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.4380002:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:2.1270003:7.680999 | walking:0.0:0.0:5.4979997 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0.0:0:0.0:0.0 |


| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.8059998 | walking:0.0:2.1739998:5.833 |
| :---: | :---: | :---: |
| walking:0.0:0.0:3.9560003 | walking:0.0:0.0:2.3460002 | walking:0.0:0.0:2.375 |
| walking:0.0:0.0:2.835 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.0690002 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.0299997 |
| walking:0.0:2.2509995:0.0 | walking:0.0:0.0:3.275 | walking:0.0:0.0:2.2790003 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.6149998 |
| walking:0.0:0.0:6.225 | walking:0.0:0.0:5.238 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.7389998 | walking:0.0:0.0:2.336 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:5.7950006 | walking:0.0:0.0:6.063 |
| walking:0.0:0.0:2.4900002 | walking:0.0:0.0:2.8150005 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.4709997 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:3.5529995 | walking:0.0:0.0:4.3289995 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.882 | walking:2.087:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.2600002 | walking:0.0:2.1640005:7.4890003 |
| walking:0.0:0.0:7.326 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.059 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:2.835:4.8069997 |
| walking:0.0:0.0:3.2849998 | walking:0.0:0.0:2.461 | walking:0.0:0.0:2.5189996 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:2.2220001:2.481 |
| walking:0.0:0.0:3.6009998 | walking:0.0:0.0:0.0 | walking:0.0:0.0:3.0169997 |
| walking:0.0:0.0:3.1409998 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.2319999 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.663 | walking:0.0:0.0:0.0 |
| walking:2.6629999:2.96:0.0 | walking:0.0:0.0:5.594 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:3.9170003 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:3.4099998 | walking:0.0:0.0:4.731 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.098 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:2.4329998:4.348 | walking:3.131:0.0:4.741 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.4229999 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.04:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:13.455:0.0:0.0 | walking:12.057:0.0:0.0 | walking:3.495:0.0:5.133 |
| walking:0.0:0.0:2.749 | walking:0.0:0.0:0.0 | walking:0.0:0.0:3.63 |
| walking:0.0:2.2599998:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.1929998 |
| walking:3.754:0.0:2.864 | walking:6.024:2.2120004:2.969 | walking:3.716:0.0:4.6730003 |
| walking:0.0:0.0:0.0 | walking:0.0:2.663:0.0 | walking:4.8069997:4.98:3.917 |
| walking:5.468:2.164:0.0 | walking:4.0899997:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:7.0009995:0.0:5.727 | walking:9.653999:0.0:10.61 | walking:0.0:0.0:9.356 |
| walking:0.0:0.0:4.999 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |


| walking:0.0:0.0:0.0 | walking:2.4800005:0.0:3.438 | walking:0.0:0.0:2.5570002 |
| :---: | :---: | :---: |
| walking:2.538:0.0:0.0 | walking:6.838:0.0:0.0 | walking:0.0:2.854:0.0 |
| walking:0.0:0.0:0.0 | walking:3.074:0.0:0.0 | walking:2.1360002:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:2.126:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:5.411:0.0:0.0 | walking:2.902:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.3330002:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.4139996:0.0:0.0 | walking:6.829:0.0:0.0 | walking:2.3659997:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.409:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.7069998:0.0:0.0 | walking:8.447:0.0:0.0 | walking:4.903:0.0:0.0 |
| walking:4.31:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.5569992:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.5429993:0.0:0.0 | walking:6.0999994:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.486:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:4.8549995:0.0:3.084 | walking:8.926:0.0:0.0 | walking:3.736:0.0:0.0 |
| walking:4.109:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.506:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.8920002:0.0:2.192 | walking:8.141001:0.0:0.0 | walking:3.3040004:3.0839999:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.9689999:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.5760002:0.0:0.0 | walking:5.325:0.0:2.7 | walking:3.2469997:0.0:0.0 |
| walking:4.568:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.988:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:4.0509996:0.0:0.0 | walking:0.0:2.3849998:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.835:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.3320003:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.2079997:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.6529999:0.0:0.0 |
| walking:6.359:0.0:0.0 | walking:0.0:2.499:0.0 | walking:0.0:0.0:0.0 |
| walking:2.317:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.4320002:0.0:0.0 | walking:0.0:0.0:0.0 | walking:3.2380009:0.0:0.0 |
| walking:8.103001:0.0:2.337 | walking:4.961:2.394:0.0 | walking:2.6530004:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.7680001:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.9689999:0.0:0.0 |
| walking:7.0680003:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:3.17:0.0:0.0 |
| walking:8.705999:0.0:2.911 | walking:4.176:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.0169997:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.7769995:0.0:0.0 |


| walking:6.646:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| :---: | :---: | :---: |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.605:0.0:0.0 | walking:0.0:0.0:0.0 | walking:4.76:0.0:0.0 |
| walking:10.123:2.021:4.29 | walking:5.066:2.5949998:3.074 | walking:3.697:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.5479994:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.941:0.0:0.0 |
| walking:5.7659993:0.0:0.0 | walking:0.0:2.2599998:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:4.252:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:4.5880003:0.0:4.174 | walking:2.7300005:0.0:2.441 | walking:3.4000006:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.1160002:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.5279999 |
| walking:3.763:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.5100002:0.0:0.0 | walking:2.3079996:0.0:0.0 | walking:4.703:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.28 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.3850002:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.1539993:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:4.387:2.509:0.0 | walking:9.089001:2.787:3.255 | walking:3.381:0.0:0.0 |
| walking:5.2009997:0.0:0.0 | walking:0.0:2.165:0.0 | walking:2.9299998:3.3520002:2.2 89 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.27:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:3.132 | walking:2.2410002:2.1739998:3.7 159998 |
| walking:7.9779997:0.0:0.0 | walking:8.341999:0.0:4.9700003 | walking:0.0:0.0:0.0 |
| walking:3.2459998:2.4899998:0.0 | walking:0.0:0.0:2.9119997 | walking:0.0:0.0:3.3900003 |
| walking:0.0:0.0:0.0 | walking:4.5490003:0.0:6.578999 5 | walking:0.0:0.0:0.0 |
| walking:5.027:0.0:0.0 | walking:0.0:0.0:3.946 | walking:0.0:0.0:2.5570002 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:3.8500004 | walking:0.0:2.558:5.708 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.7:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.0109997:0.0:3.313000 $2$ | walking:0.0:0.0:0.0 |
| walking:6.272:3.793:7.47 | walking:2.098:0.0:8.292999 | walking:0.0:0.0:0.0 |
| walking:2.5479999:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.27:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.0310001 | walking:0.0:0.0:6.647 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:3.7919993 | walking:0.0:0.0:2.2029996 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.2509995 | walking:0.0:0.0:4.7689996 | walking:0.0:0.0:0.0 |
| walking:3.246:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |


| walking:0.0:2.4229999:4.5880003 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| :---: | :---: | :---: |
| walking:0.0:0.0:5.8519998 | walking:0.0:0.0:6.5319996 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.317 | walking:0.0:0.0:2.126 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:3.592 | null:0.0:0.0:0.0 | null:0.0:0.0:2.6430001 |
| walking:0.0:0.0:9.577001 | walking:0.0:0.0:9.883 | walking:0.0:0.0:2.547 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.5279994 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:5.2009997 |
| walking:0.0:0.0:2.0499997 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.4900007 |
| walking:0.0:0.0:4.741 | walking:2.125:0.0:6.915 | walking:0.0:0.0:6.512 |
| walking:0.0:0.0:0.0 | walking:2.671:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:4.042 |
| walking:0.0:0.0:3.4099998 | walking:0.0:2.155:8.639 | walking:0.0:0.0:9.433 |
| walking:0.0:0.0:2.547 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:2.0589995 |
| walking:0.0:0.0:2.1159997 | walking:0.0:2.7099998:5.468 | walking:0.0:0.0:4.9700003 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:3.7539997 | walking:0.0:0.0:4.7979994 |
| walking:0.0:0.0:0.0 | walking:3.4:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.1450002:0.0:2.0970001 |
| walking:0.0:0.0:0.0 | walking:0.0:2.5760002:0.0 | walking:0.0:0.0:0.0 |
| walking:3.611:0.0:4.4820004 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:3.179 | walking:3.1020002:0.0:2.921 | walking:3.322:0.0:3.9939995 |
| walking:2.4129999:0.0:2.184 | walking:0.0:2.9299998:6.014 | walking:0.0:0.0:3.7439995 |
| walking:2.145:0.0:5.7660003 | walking:0.0:0.0:3.3709998 | walking:0.0:0.0:0.0 |
| walking:2.9110003:0.0:0.0 | walking:0.0:2.375:0.0 | walking:0.0:2.394:2.0110002 |
| walking:5.3730006:0.0:5.7169995 | walking:0.0:0.0:2.2309995 | walking:0.0:2.3080003:0.0 |
| walking:3.1699996:0.0:3.9940004 | walking:0.0:0.0:0.0 | walking:2.1260002:3.917:0.0 |
| walking:0.0:0.0:2.7099998 | walking:3.821:2.5570002:0.0 | walking:0.0:0.0:0.0 |
| walking:2.6339998:0.0:0.0 | walking:2.4899998:0.0:6.982000 4 | walking:3.0929995:0.0:3.544 |
| walking:2.6049995:2.6529999:0.0 | walking:0.0:0.0:2.6339998 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.5:0.0:0.0 | walking:0.0:2.0:0.0 |
| walking:0.0:2.365:0.0 | walking:0.0:4.223:0.0 | walking:0.0:0.0:0.0 |
| walking:2.7109995:0.0:0.0 | walking:2.5470004:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.863:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.9980001:2.1169999:0.0 | walking:2.9499998:5.822:0.0 | walking:0.0:4.299:0.0 |
| walking:2.375:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:4.5299997:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:4.4820004:0.0 | walking:0.0:0.0:0.0 |
| walking:3.505:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:2.4320002:0.0:0.0 | walking:3.7259994:0.0:0.0 | walking:0.0:0.0:0.0 |


| walking:0.0:0.0:0.0 | walking:0.0:4.701:0.0 | walking:0.0:4.835:0.0 |
| :---: | :---: | :---: |
| walking:0.0:3.3140001:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.342:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:2.519:0.0 | walking:0.0:6.216:0.0 | walking:0.0:0.0:0.0 |
| walking:3.3130002:0.0:0.0 | walking:2.538:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.2279997:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:6.377:3.3520002 | walking:0.0:3.322:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:2.8449998:0.0 | walking:0.0:4.061:0.0 | walking:3.6969995:0.0:2.921 |
| walking:2.519:0.0:0.0 | walking:2.672:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.0640001:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:4.941:3.696 | walking:0.0:6.0620003:2.5180001 |
| walking:0.0:2.012:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.1409998:2.921:0.0 | walking:0.0:0.0:0.0 |
| walking:3.304:0.0:0.0 | walking:4.5880003:5.833:0.0 | walking:0.0:0.0:6.377 |
| walking:3.151:0.0:0.0 | walking:3.5620003:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:3.093:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:6.837:3.7259998 | walking:2.1940002:2.805:0.0 |
| walking:3.448001:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.481:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:3.1800003:0.0 | ```walking:4.358:2.3939998:2.42299 99``` |
| walking:2.0109997:0.0:0.0 | walking:4.5680003:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:2.1160002:0.0 | walking:3.3710003:0.0:0.0 | walking:0.0:0.0:2.011 |
| walking:7.1740007:0.0:0.0 | walking:4.186001:5.2860003:4.4 91 | walking:0.0:2.8439999:3.734 |
| walking:5.737:4.2130003:0.0 | walking:0.0:3.993:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:2.404:0.0 | walking:0.0:0.0:0.0 | walking:3.6490002:0.0:0.0 |
| walking:2.758:0.0:0.0 | walking:0.0:0.0:0.0 | walking:6.4749994:3.41:0.0 |
| walking:2.9979992:2.672:4.00200 03 | walking:4.0510006:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:2.7969995:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:4.4919996:0.0:0.0 | walking:2.7869997:7.546:4.548 | walking:0.0:4.395:2.422 |
| walking:3.5430002:4.3:0.0 | walking:0.0:2.308:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.6300006:2.308:0.0 | walking:0.0:3.5340004:3.016999 7 | walking:4.1849995:2.7769997:5.6 019998 |
| walking:5.9759994:0.0:0.0 | walking:2.1360002:0.0:0.0 | walking:0.0:0.0:2.2779999 |
| $\begin{aligned} & \text { walking:2.0300002:3.103:2.06899 } \\ & 98 \end{aligned}$ | walking:2.5569997:0.0:2.527999 9 | walking:0.0:2.0969996:0.0 |
| walking:4.6449995:0.0:2.2600002 | walking:0.0:9.289:8.044 | walking:2.8639994:9.184:4.012 |
| walking:3.783:0.0:2.691 | walking:2.25:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:3.065:2.7009997:0.0 |
| walking:0.0:0.0:2.03 | walking:4.013:2.911:0.0 | walking:0.0:2.107:0.0 |


| walking:3.4580002:2.3370001:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| :---: | :---: | :---: |
| walking:0.0:3.5909998:2.451 | walking:3.1120005:0.0:2.375 | walking:0.0:0.0:0.0 |
| walking:0.0:2.461:2.816 | walking:0.0:4.127:0.0 | walking:0.0:4.9119997:0.0 |
| walking:2.729:0.0:2.4040003 | walking:2.8259997:0.0:2.366000 2 | walking:0.0:0.0:2.0690002 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.4039998:2.9780002:2.8 729997 |
| walking:4.29:5.1229997:0.0 | walking:0.0:2.308:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.7289999 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:2.115:2.3649998:5.12399 96 |
| walking:0.0:5.201:3.725 | walking:0.0:0.0:2.4320006 | walking:0.0:0.0:3.5240006 |
| walking:0.0:2.682:0.0 | walking:0.0:0.0:2.0110002 | walking:3.255:2.4039998:0.0 |
| walking:3.916:0.0:6.5220003 | walking:5.41:0.0:7.2790003 | walking:6.2439995:3.946:9.319 |
| walking:11.53:0.0:0.0 | walking:4.577:2.8260002:5.536 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:3.323:0.0:0.0 | walking:2.7199998:0.0:4.309999 5 | walking:7.776:0.0:0.0 |
| walking:0.0:0.0:7.384 | walking:0.0:0.0:0.0 | walking:3.025:0.0:0.0 |
| walking:0.0:0.0:2.5089998 | walking:0.0:0.0:0.0 | walking:0.0:0.0:5.698 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:4.453 | walking:0.0:0.0:4.75 |
| walking:0.0:0.0:4.837 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:3.4760003 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:3.705:0.0:0.0 |
| walking:0.0:0.0:4.5400004 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:4.0690002:0.0:0.0 | walking:2.297:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.4140005 | walking:0.0:0.0:3.2760005 |
| walking:0.0:2.94:5.268 | walking:0.0:0.0:6.302 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.2979999 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.5279999 | walking:0.0:0.0:3.4190006 |
| walking:0.0:2.2700005:7.2780004 | walking:0.0:3.4670005:11.11899 95 | walking:0.0:0.0:9.012 |
| walking:2.25:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:4.999 | walking:2.902:0.0:2.413 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:4.434 | walking:0.0:0.0:2.7490005 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.7389998 | walking:0.0:0.0:3.199 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:2.941 | walking:0.0:0.0:3.9749994 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:2.2410002 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 |
| walking:0.0:0.0:0.0 | walking:0.0:0.0:0.0 | running:0.0:0.0:2.212 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |


| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:2.012 |
| :---: | :---: | :---: |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:2.5959997 |
| running:0.0:0.0:0.0 | running:0.0:0.0:2.1549997 | running:3.456:0.0:4.1559997 |
| running:0.0:0.0:4.29 | running:0.0:0.0:3.505 | running:3.9939997:0.0:0.0 |
| running:0.0:2.0879998:0.0 | running:2.835:0.0:3.534 | running:0.0:3.4379997:0.0 |
| running:6.091:0.0:3.553 | $\begin{aligned} & \text { running:3.4960003:0.0:5.162000 } \\ & 7 \end{aligned}$ | running:8.198:0.0:5.833 |
| running:3.629:2.059:0.0 | running:0.0:3.4659998:0.0 | running:4.492:6.023:0.0 |
| running:6.455:0.0:0.0 | running:9.913:4.453:9.403999 | running:4.281:0.0:0.0 |
| running:3.783:0.0:0.0 | running:5.3830004:4.52:0.0 | running:2.691:6.8949995:0.0 |
| running:7.2109995:3.755:4.501 | running:26.489:4.712:4.4430003 | running:0.0:4.128:3.438 |
| running:5.478:2.433:2.806 | running:6.856:3.783:4.3570004 | running:4.1850004:0.0:2.2599998 |
| running:7.6809998:0.0:5.075 | running:15.821:13.598001:0.0 | running:3.7350001:0.0:0.0 |
| running:0.0:0.0:4.472 | running:11.282001:8.437:0.0 |  |
| running:5.7470007:2.816001:0.0 | running:18.674:5.2769995:5.41 | running:0.0:5.5740004:3.993 |
| running:13.781:4.731:2.777 | running:0.0:8.466001:0.0 | running:7.193001:0.0:4.9710007 |
| running:12.001:10.984:7.0300007 | running:8.455:5.038:2.881 | running:4.2130003:2.4810004:0.0 |
| running:11.406:8.762:3.2549999 | running:4.837:14.758:3.515 | running:12.47:9.175:4.108 |
| running:12.986:0.0:7.46 | running:3.544:3.908:6.579 | running:13.723001:0.0:3.448 |
| running:8.189:3.6390004:2.079 | running:0.0:13.426001:6.005 | running:14.232:0.0:7.9110003 |
| running:5.554:0.0:5.2469997 | running:0.0:0.0:5.3450003 | running:10.353:2.959:7.881 |
| running:8.831:10.084:7.2310004 | running:4.847:0.0:4.8550005 | running:11.875:0.0:8.351 |
| running:12.775001:2.6529999:13. 034 | running:13.56:4.1470003:7.068 | $\begin{aligned} & \text { running:8.189:2.3169994:11.6550 } \\ & 01 \end{aligned}$ |
| running:7.738:7.862:3.6400003 | running:6.043:6.665:6.580001 | running:16.817:9.558001:10.572 |
| running:0.0:0.0:9.577001 | running:7.987:0.0:10.1710005 | running:13.360001:14.26:4.27 |
| running:0.0:12.642:11.445 | running:17.737:8.064:17.142 | running:7.5369997:0.0:2.805 |
| running:0.0:3.0739994:0.0 | running:12.593:3.9169998:8.245 | running:11.3880005:0.0:6.618 |
| running:0.0:9.902:4.912999 | running:20.887:14.901:13.416 | running:2.2020001:0.0:3.429 |
| running:4.597:0.0:0.0 | running:11.464001:9.548:9.222 | running:2.6529999:19.403:10.899 |
| running:10.669001:5.6120005:9.2 9 | running:12.056999:4.9609995:6. 8570004 | running:4.549:4.138:0.0 |
| running:6.8669996:3.7829995:0.0 | running:12.229:10.918:6.953 | running:8.179:0.0:2.7000003 |
| running:15.075001:23.491999:3.2 56 | running:5.41:11.282:10.371 | running:0.0:0.0:0.0 |
| running:16.731998:12.929:0.0 | $\begin{aligned} & \text { running:2.835001:22.534:9.0879 } \\ & 99 \end{aligned}$ | running:0.0:0.0:0.0 |
| running:19.105999:7.356:3.256 | running:6.263:0.0:3.026 | running:0.0:3.869:0.0 |
| running:13.857:8.542:3.7640002 | running:11.369:4.052:12.766 | running:0.0:12.096001:11.674 |
| running:15.917001:21.51:0.0 | running:5.094:5.6120005:7.66 | running:7.584:8.236:3.4379997 |
| running:13.629:24.699001:3.638 | running:0.0:6.283:7.8529997 | running:17.096:6.8190002:11.271 |
| running:6.6449995:3.927:0.0 | running:5.134:2.184:0.0 | running:6.724:0.0:2.9980001 |
| running:15.324:32.37:4.3670006 | running:9.116:6.8480005:9.921 | $\begin{aligned} & \text { running: } 10.103001: 2.7679996: 3.3 \\ & 420002 \end{aligned}$ |


| $\begin{aligned} & \text { running:12.918999:13.992001:4.0 } \\ & 889997 \end{aligned}$ | running:0.0:22.458:5.937 | $\begin{aligned} & \text { running:10.784:5.2490005:3.2849 } \\ & 998 \end{aligned}$ |
| :---: | :---: | :---: |
| running:10.6779995:7.8339996:4. $3$ | running:5.89:0.0:0.0 | running:3.793:2.8060002:5.564 |
| running:15.111:11.062:6.168 | running:8.448:0.0:0.0 | running:8.448:23.904:11.311 |
| running:11.242001:15.314:2.862 | running:0.0:0.0:3.429 | running:13.896:10.448999:3.936 |
| $\begin{aligned} & \text { running:6.417001:24.171001:6.90 } \\ & 40003 \end{aligned}$ | running:0.0:4.186:3.0939999 | running:18.465:10.382:12.411 |
| running:5.372:0.0:3.0640001 | running:2.413:0.0:2.1829998 | running:4.577:0.0:6.513 |
| running:21.673:10.593:10.774 | running:0.0:7.519:0.0 | running:22.075:31.699001:20.83 |
| running:0.0:0.0:6.2820005 | running:11.933001:7.3740005:4. 4530005 | running:9.807:11.867:12.209999 |
| running:0.0:19.977001:5.4020004 | running:10.679:7.7200003:8.524 | $\begin{aligned} & \text { running:8.591001:4.558:4.845000 } \\ & 3 \end{aligned}$ |
| running:8.312:0.0:0.0 | running:2.2799997:2.4420004:4. 127 | running:14.518:11.455:8.7630005 |
| running:10.784:0.0:5.507 | ```running:3.3719997:25.925:11.00 4``` | running:23.807001:13.293:11.741 |
| running:2.5760002:0.0:4.3089995 | running:21.758:10.612:12.794 | running:2.8450012:28.596:0.0 |
| running:0.0:0.0:2.0210001 | $\begin{aligned} & \text { running:19.699001:13.282999:10 } \\ & .295 \end{aligned}$ | running:4.425:0.0:2.404 |
| running:0.0:3.112:5.085 | $\begin{aligned} & \text { running:5.947:4.6359997:5.6499 } \\ & 996 \end{aligned}$ | running:19.221:7.0490007:10.334 |
| running:2.1170006:15.688:13.254 999 | running:17.459:20.12:7.029 | running:3.0730002:3.4099998:0.0 |
| running:9.672:9.041:0.0 | $\begin{aligned} & \text { running:10.592:9.547999:3.6480 } \\ & 002 \end{aligned}$ | running:2.3950005:20.629:18.379 |
| running:10.851001:7.135:20.063 | running:16.472:6.704:3.7539997 | running:0.0:4.032:3.9359999 |
| running:6.683:0.0:9.815001 | running:11.723001:8.448:5.967 | running:7.844:3.1989994:4.693 |
| $\begin{aligned} & \text { running:20.447:27.323002:6.6180 } \\ & 005 \end{aligned}$ | running:0.0:4.118:9.94 | running:0.0:0.0:3.5049999 |
| running:16.309:8.198:4.855 | $\begin{aligned} & \text { running:4.6360006:17.18:5.9279 } \\ & 995 \end{aligned}$ | running:0.0:8.714999:6.245 |
| running:21.395:14.882:14.787 | running:4.3669996:3.534:0.0 | running:3.7539997:2.585:5.908 |
| running:6.598:0.0:10.907999 | running:15.41:0.0:4.3100004 | running:4.071:8.17:10.861 |
| running:17.515:14.489:11.472 | running:0.0:0.0:2.145 | running:10.946:7.748:0.0 |
| running:11.713:12.938:14.738 | running:0.0:6.9240003:9.434 | $\begin{aligned} & \text { running:14.366:9.577001:15.5149 } \\ & 99 \end{aligned}$ |
| running:9.394:0.0:3.0070002 | running:3.2649999:6.666:0.0 | running:0.0:5.546:11.913 |
| $\begin{aligned} & \text { running:8.897:4.7990003:7.96800 } \\ & 04 \end{aligned}$ | ```running:4.3389997:0.0:6.608000 8``` | running:10.066:8.657:10.334 |
| running:0.0:7.901:4.548 | running:5.4690003:7.039:4.088 | running:4.2039995:4.884:8.514 |
| $\begin{aligned} & \text { running:4.597:13.533001:7.95899 } \\ & 96 \end{aligned}$ | running:9.471:14.979:20.991999 | running:0.0:8.676001:5.0839996 |
| running:0.0:4.883:3.764 | running:0.0:3.745:8.514 | running:5.649:2.8250003:0.0 |
| running:6.513:2.921:3.8879995 | running:4.147:0.0:14.250999 | running:0.0:6.559:5.103 |
| running:4.2039995:5.027:4.471 | running:0.0:0.0:4.339 | running:0.0:0.0:7.5559998 |


| running:7.2200003:0.0:0.0 | running:2.729:10.4:20.235 | running:0.0:5.5740004:4.414 |
| :---: | :---: | :---: |
| running:0.0:4.5680003:0.0 | running:0.0:3.1699998:4.108 | running:13.129:4.7980003:4.607 |
| running:5.526:7.479:7.604001 | running:12.172:7.413:19.422 | running:8.15:9.549:0.0 |
| running:0.0:7.526:0.0 | running:11.847:0.0:11.367 | running:6.953:12.372999:9.51 |
| running:19.336:4.51:16.76 | running:0.0:9.51:2.6430001 | running:4.299:6.7980003:3.122 |
| running:10.342:4.634:7.7180004 | running:10.583:10.19:3.1220002 | running:0.0:0.0:0.0 |
| running:15.793:10.965:2.748 | $\begin{aligned} & \text { running:7.3450003:6.1:3.524000 } \\ & 2 \end{aligned}$ | running:5.678:2.5089998:7.115 |
| running:17.460001:5.6970005:0.0 | $\begin{aligned} & \text { running:0.0:4.3009996:2.719999 } \\ & 8 \end{aligned}$ | running:11.895:0.0:7.392 |
| running:10.927:2.442:2.298 | running:0.0:0.0:0.0 | running:10.6970005:0.0:0.0 |
| running:12.623:7.672:0.0 | running:0.0:8.955:10.085 | running:18.992:19.575:12.191999 |
| running:5.2860003:5.056999:2.21 1 | running:5.976:2.203:2.7779999 | running:17.736:6.7899995:0.0 |
| running:0.0:20.648:5.199 | running:5.373:6.12:4.289 | running:12.795:0.0:2.4980001 |
| running:4.951:0.0:0.0 | $\begin{aligned} & \text { running:2.4520001:0.0:3.246000 } \\ & 3 \end{aligned}$ | running:16.175:2.6909995:2.73 |
| running:4.4920006:8.264:0.0 | $\begin{aligned} & \text { running:3.0650005:4.5299997:0. } \\ & 0 \end{aligned}$ | running:0.0:2.2980003:0.0 |
| $\begin{aligned} & \text { running:6.2139997:5.4590006:2.0 } \\ & 110002 \end{aligned}$ | running:16.598:0.0:3.994 | running:0.0:15.993:4.893 |
| running:10.775001:0.0:4.625 | running:7.566:0.0:5.286 | running:6.224:0.0:0.0 |
| running:5.6400003:2.0310001:0.0 | $\begin{aligned} & \text { running:18.915:9.337999:11.866 } \\ & 001 \end{aligned}$ | running:0.0:14.471:0.0 |
| running:14.903:18.014:25.685 | running:4.5299997:4.6729994:4. 568 | running:3.8219998:5.1239996:0.0 |
| running:12.871:11.799:9.469999 | $\begin{aligned} & \text { running:2.7399998:22.074:8.974 } \\ & 001 \end{aligned}$ | running:5.4590006:3.7729998:13. 13 |
| running:13.896999:7.1830006:3.1 98 | running:5.86:0.0:0.0 | running:0.0:0.0:2.843 |
| $\begin{aligned} & \text { running:15.4470005:6.8190002:5. } \\ & 2009997 \end{aligned}$ | running:8.955:4.635:8.82 | running:0.0:20.14:0.0 |
| $\begin{aligned} & \text { running:20.504:19.078001:16.970 } \\ & 001 \end{aligned}$ | running:0.0:0.0:0.0 | running:5.7939997:12.077:3.4 |
| running:12.91:12.153:2.815 | running:0.0:14.988:0.0 | running:7.078:8.945:5.506 |
| running:13.321:5.0950003:0.0 | running:7.3740005:3.1119995:0. $0$ | running:7.9010005:4.597:0.0 |
| running:15.523001:6.3310003:0.0 | running:4.349:5.469:14.337 | ```running:11.953001:20.637001:9.5 68``` |
| running:7.89:13.112:4.9420004 | $\begin{aligned} & \text { running:2.4980001:3.5149994:3. } \\ & 217 \end{aligned}$ | running:15.477:12.633001:0.0 |
| running:0.0:23.07:2.6420002 | running:4.1470003:5.057:4.242 | running:16.242:4.9609995:2.71 |
| running:5.229:3.1790004:2.633 | running:0.0:0.0:5.448 | running:8.657:0.0:5.086 |
| $\begin{aligned} & \text { running:15.0460005:10.726:8.495 } \\ & 001 \end{aligned}$ | running:0.0:16.147:0.0 | $\begin{aligned} & \text { running:16.387001:14.690001:26. } \\ & 145 \end{aligned}$ |
| running:0.0:0.0:4.4440002 | running:5.411:5.717:0.0 | running:13.907001:16.271:14.652 |
| running:0.0:2.672:5.67 | running:15.515:5.0759997:17.04 | running:5.066:0.0:2.7480001 |


|  | 7 |  |
| :---: | :---: | :---: |
| running:4.74:0.0:2.527 | running:5.9269996:0.0:4.004 | running:13.197:11.062:9.874 |
| $\begin{aligned} & \text { running:6.0820007:5.0480003:4.8 } \\ & 270006 \end{aligned}$ | $\begin{aligned} & \text { running:14.835001:15.686:17.86 } \\ & 2 \end{aligned}$ | running:3.659:4.281:3.7719998 |
| running:3.218:0.0:0.0 | running:7.6039996:11.0130005:1 1.655 | $\begin{aligned} & \text { running:7.3080006:15.2369995:10 } \\ & .027 \end{aligned}$ |
| running:12.633:5.8899994:9.309 | running:6.0909996:7.096:8.514 | running:6.396:0.0:0.0 |
| running:3.4280002:4.769:0.0 | $\begin{aligned} & \text { running:4.022:2.4610002:3.2939 } \\ & 997 \end{aligned}$ | running:4.386:14.5:8.725 |
| running:4.443:0.0:6.13 | ```running:6.474:19.987:10.947000 5``` | running:3.6099997:0.0:10.419 |
| $\begin{aligned} & \text { running:7.7479997:3.217:8.78200 } \\ & 1 \end{aligned}$ | running:22.285:16.655:8.399 | running:0.0:0.0:11.97 |
| running:4.09:14.826:3.495 | running:0.0:8.493:6.828 | running:3.0449998:0.0:0.0 |
| running:7.297:5.8120003:0.0 | running:7.653:0.0:0.0 | running:2.0009995:0.0:0.0 |
| running:14.872999:6.34:0.0 | running:5.9849997:0.0:3.62 | running:3.361:3.697:0.0 |
| running:11.080999:2.9309998:0.0 | running:6.8760004:5.43:0.0 | running:0.0:6.052:14.9869995 |
| running:23.233:13.023001:10.161 | running:6.368:0.0:0.0 | running:4.185:0.0:4.2809997 |
| running:13.207001:4.012:3.237 | running:0.0:5.631:9.901 | $\begin{aligned} & \text { running:8.1310005:9.528:19.9189 } \\ & 99 \end{aligned}$ |
| running:23.827:7.892:12.24 | running:2.1169996:0.0:6.454 | running:21.031:0.0:0.0 |
| running:13.044001:3.3810005:0.0 | running:0.0:13.099999:0.0 | running:15.841:6.819:2.1550002 |
| $\begin{aligned} & \text { running:5.0550003:2.1359997:5.1 } \\ & 13 \end{aligned}$ | running:2.0:0.0:0.0 | running:12.556:2.375:4.605 |
| running:6.34:7.882:4.454 | running:0.0:7.68:6.867 | running:26.288:0.0:0.0 |
| running:0.0:0.0:3.801 | $\begin{aligned} & \text { running:2.8449998:0.0:3.333000 } \\ & 2 \end{aligned}$ | $\begin{aligned} & \text { running:23.635:2.5850005:7.5460 } \\ & 005 \end{aligned}$ |
| running:0.0:9.366:0.0 | running:11.665:0.0:0.0 | running:8.207:3.189:0.0 |
| running:4.012:0.0:0.0 | running:4.1660004:0.0:0.0 | running:19.613:6.675:16.166 |
| running:0.0:5.201:25.349 | $\begin{aligned} & \text { running:15.458:11.375999:14.32 } \\ & 6 \end{aligned}$ | running:9.316999:2.126:10.524 |
| running:0.0:4.052:0.0 | $\begin{aligned} & \text { running:11.367001:0.0:4.223000 } \\ & 5 \end{aligned}$ | $\begin{aligned} & \text { running:12.191999:21.5:6.607000 } \\ & 4 \end{aligned}$ |
| running:0.0:0.0:0.0 | running:18.455:5.871:0.0 | running:4.462:0.0:0.0 |
| running:0.0:0.0:0.0 | running:5.419:2.834:0.0 | running:2.06:16.377:13.657 |
| running:15.936:10.449:10.391 | running:17.143:14.652:5.315 | running:3.437:0.0:11.157 |
| running:5.027:2.059:6.35 | running:10.285:9.902:8.513 | running:0.0:12.115:10.007999 |
| running:9.913:3.17:17.411 | running:9.892:10.43:2.107 | running:0.0:0.0:3.983 |
| running:4.7599998:0.0:4.606 | $\begin{aligned} & \text { running:7.5940003:4.9800005:12 } \\ & .297001 \end{aligned}$ | running:5.909:5.708:0.0 |
| running:7.777:3.1030006:10.0280 01 | $\begin{aligned} & \text { running:3.0070002:9.96:2.09699 } \\ & 96 \end{aligned}$ | $\begin{aligned} & \text { running:3.8690002:2.92:5.707000 } \\ & 3 \end{aligned}$ |
| running:0.0:5.918:7.498 | $\begin{aligned} & \text { running:14.574999:11.77:12.009 } \\ & 999 \end{aligned}$ | running:6.5789995:0.0:4.740999 |
| running:0.0:8.868:9.807 | running:5.996:5.249:3.534 | running:12.785:0.0:0.0 |
| running:10.294:5.813:7.776 | running:0.0:3.879:12.335 | running:7.5759997:5.814:6.962 |
| running:9.644:7.183:9.989 | running:8.733999:2.777:2.126 | running:8.82:4.4240003:2.853 |


| running:6.4550004:5.0469995:18. | running:4.472:8.323:7.7280006 | running:9.912001:18.445:10.1419 |
| :--- | :--- | :--- |
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| running:4.338:10.745:2.6230001 | running:0.0:0.0:8.934 | running:18.34:16.607:9.605 |
| :--- | :--- | :--- |
| running:0.0:3.2180004:13.455 | running:32.36:3.2180004:25.618 | running:0.0:11.809:18.560001 |
| running:3.7159996:3.2659998:11. <br> 722 | running:11.175:7.595:11.684 | running:16.99:7.4800005:15.103 |
| running:19.191:6.168:15.601 | running:5.266:23.32:4.395 | running:0.0:4.4249997:0.0 |
| running:4.185:14.173:3.62 | running:10.505999:6.2439995:7. | running:27.562:7.288:0.0 |
| 948 | running:2.5760002:0.0:6.311000 | running:28.826:15.190001:2.212 |
| running:0.0:7.278:4.357 | running:12.517:11.375999:0.0 | running:0.0:4.76:0.0 |
| running:0.0:15.056:8.427 | running:6.0909996:14.700001:0. | running:11.962:2.499999:5.31499 |
| running:0.0:10.525:4.94 | r | running:22.812:0.0:19.383 |


| 9997 |  |  |
| :---: | :---: | :---: |
| running:0.0:0.0:19.287 | running:22.697:5.8900003:5.927 | running:2.567:2.059:0.0 |
|  | running:0.0:9.721:7.5080004 | running:6.484:6.484001:23.521 |
| running:5.814:19.623001:23.607 | running:0.0:5.861:6.186 | running:4.922:7.163:0.0 |
| running:8.025:4.549:2.566 | running:3.131:4.041:0.0 | running:0.0:10.440001:10.093 |
| running:8.725:0.0:13.905001 | $\begin{aligned} & \text { running:19.317001:0.0:27.59999 } \\ & 8 \end{aligned}$ | running:10.736:26.259998:22.677 |
| running:19.116001:3.8690002:0.0 | running:18.445002:22.42:5.266 | running:38.547:5.8620005:21.021 |
| running:15.707:2.337:27.591 | running:5.5739994:16.557:0.0 | $\begin{aligned} & \text { running:2.5759997:4.7509995:17. } \\ & 975 \end{aligned}$ |
| running:18.148:23.99:10.813 | running:14.461:5.517:3.6 | running:9.098:2.8260002:4.079 |
| running:17.688:0.0:11.118 | running:3.343:16.788:5.5740004 | running:0.0:10.3810005:9.136 |
| running:8.686:0.0:23.587 | running:5.2:9.022:0.0 | running:0.0:5.9570007:19.640999 |
| $\begin{aligned} & \text { running:6.014:16.921999:7.67099 } \\ & 95 \end{aligned}$ | running:10.41:0.0:4.74 | running:7.0490003:7.498:2.519 |
| running:9.289:7.0870004:0.0 | running:14.873:7.6329994:5.928 | $\begin{aligned} & \text { running:21.682:2.1550007:8.3689 } \\ & 995 \end{aligned}$ |
| running:15.926:12.296999:0.0 | running:9.2039995:4.597:4.299 | running:0.0:3.111:0.0 |
| running:11.11:10.878:4.731 | running:19.843:11.157999:5.555 | running:2.9980001:20.13:11.702 |
| running:0.0:14.6050005:14.834 | running:10.286:13.111:5.736 | running:19.795:11.079:5.381 |
|  | $\begin{aligned} & \text { running:4.722:3.1309996:3.7450 } \\ & 004 \end{aligned}$ | running:7.5550003:6.484:0.0 |
| running:17.381:5.708:16.232 | $\begin{aligned} & \text { running:7.4889994:5.795:10.111 } \\ & 9995 \end{aligned}$ | running:14.298:0.0:3.083 |
| running:4.74:10.085:2.623 | running:13.857:8.869:6.9340005 | running:5.028:28.826:9.633 |
| running:15.208:9.662999:4.031 | running:2.605:17.688:12.871 | running:10.103:11.424001:22.476 |
| $\begin{aligned} & \text { running:14.537001:19.526:6.3310 } \\ & 003 \end{aligned}$ | $\begin{aligned} & \text { running:15.351:2.2420006:28.67 } \\ & 3 \end{aligned}$ | running:6.829:7.394:0.0 |
| running:4.243:8.38:16.635 | running:7.105:3.898:0.0 | running:4.894:11.876:13.032999 |
| running:4.683:0.0:24.315 | running:9.941:39.218002:17.114 | running:0.0:11.675:4.453 |
| running:8.936001:11.769:0.0 | running:3.762:2.3370001:8.043 | running:17.237:13.437:13.052 |
| $\begin{aligned} & \text { running:3.3050003:5.3830004:7.3 } \\ & 17 \end{aligned}$ | running:27.744:5.3830004:3.082 | $\begin{aligned} & \text { running:3.7930002:13.332001:5.3 } \\ & 54 \end{aligned}$ |
| running:7.413:9.298:15.083 | running:17.785:13.531:14.537 | ```running:5.5820003:9.099:3.33299 97``` |
| running:4.289:10.248:10.535 | running:9.557:22.85:15.945 | running:0.0:12.623:4.2999997 |
| ```running:9.1449995:7.8710003:9.4 6 1``` | running:6.8659997:9.395:4.798 | $\begin{aligned} & \text { running:2.1169999:7.8530006:4.1 } \\ & 569996 \end{aligned}$ |
| $\begin{aligned} & \text { running:19.928999:11.062:25.377 } \\ & 998 \end{aligned}$ | $\begin{aligned} & \text { running:3.2369995:14.749001:4. } \\ & 9409995 \end{aligned}$ | running:6.5410004:16.233:5.593 |
| running:17.699:15.505:11.158 | $\begin{aligned} & \text { running:5.0550003:15.447999:12 } \\ & 612 \end{aligned}$ | running:2.71:0.0:4.7599993 |
| $\begin{aligned} & \text { running:14.787001:38.978:15.160 } \\ & 999 \end{aligned}$ | $\begin{aligned} & \text { running:2.6339998:8.4470005:7. } \\ & 469 \end{aligned}$ | running:13.828:16.232:2.4229999 |
| running:5.314:0.0:10.438 | ```running:15.535:16.052:24.73700 1``` | running:0.0:5.7180004:15.793001 |


| running:28.548:3.9169998:5.6990 <br> 004 | running:8.505:10.716999:20.006 | running:12.422:0.0:17.717001 |
| :--- | :--- | :--- |
| running:5.898:8.285:17.152 | running:16.262001:5.507:0.0 | running:12.278001:23.157:2.883 |
| running:5.297:6.196:5.459 | running:0.0:4.3:5.314 | running:9.604:16.529:7.7469997 |
| running:4.6429996:0.0:3.2370002 | running:15.899:7.8150005:4.08 | running:18.417:0.0:9.223 |
| running:13.952999:13.102:17.324 <br> 999 | running:2.9120007:11.319:15.34 | running:12.5460005:10.917:15.33 |
| running:22.736:13.504:7.076 | running:11.541:4.818001:12.075 | running:3.4569998:33.481:4.6920 |
| 001 | runn |  |
| running:5.401:11.779999:5.123 | running:9.989:13.110001:0.0 | running:8.62:5.4119997:19.038 |
| running:6.656:7.9970007:16.846 | running:2.7489996:0.0:0.0 | running:25.369:8.936:7.239 |
| running:0.0:9.654:14.028999 | running:12.633:3.7349997:9.183 | running:19.785:14.835:8.227 |
| running:4.377001:6.55:4.913 | running:13.245:32.159:9.769 | running:3.716:5.899:7.823 |
| running:0.0:19.296999:7.547 | running:2.481:0.0:3.409 | running:4.357:13.753:6.369 |
| running:3.238:0.0:4.443 | running:20.868:0.0:15.275 | running:4.2430005:18.168001:21. |
| running:3.2749996:2.6999998:5.4 | running:8.101999:13.693999:6.4 | running:24.316:7.1740007:4.4540 |
| 490004 | 93 | running:8.523:14.682:22.343 |


| running:2.7009997:17.046:0.0 | running:14.806:4.338:0.0 | running:5.5059996:9.308001:5.85 |
| :--- | :--- | :--- |
| running:4.6450005:7.691:16.989 | running:8.648:6.3500004:4.3289 | running:9.424:6.0150003:11.215 |
| running:2.711:11.33:7.3640003 | running:4.636:0.0:0.0 | running:2.509:9.031:11.040999 |
| running:2.8339999:6.8480005:8.5 | running:5.066:5.1429996:9.9319 | running:0.0:12.939:3.85 |
| 529995 | 99 | running:4.53:0.0:4.272 |


| running:14.26:14.526999:25.484 | $\begin{aligned} & \text { running:2.872:5.8519998:9.9400 } \\ & 01 \end{aligned}$ | running:10.084:12.661:5.9570003 |
| :---: | :---: | :---: |
| running:0.0:0.0:0.0 | running:23.3:0.0:19.067001 | running:0.0:18.283:9.912 |
| running:3.1610003:0.0:7.6040006 | running:11.407:13.283:8.418 | running:24.162:6.5600004:19.661 |
| running:14.931:11.224:26.882 | $\begin{aligned} & \text { running:10.497:19.612999:24.31 } \\ & 5 \end{aligned}$ | $\begin{aligned} & \text { running:11.301001:4.759:26.5850 } \\ & 01 \end{aligned}$ |
| running:3.381:17.267:18.531 | running:8.265:8.811:8.495 | running:10.152:0.0:0.0 |
| running:36.268:0.0:21.337 | running:0.0:8.457:19.088001 | running:8.773:8.753:5.7469997 |
| $\begin{aligned} & \text { running:12.315001:6.7130003:8.3 } \\ & 029995 \end{aligned}$ | $\begin{aligned} & \text { running:16.942001:10.497:17.50 } \\ & 7 \end{aligned}$ | $\begin{aligned} & \text { running:11.588001:2.0499992:31. } \\ & 364 \end{aligned}$ |
| $\begin{aligned} & \text { running:2.9970002:35.424004:30. } \\ & 99 \end{aligned}$ | $\begin{aligned} & \text { running:6.3970003:11.530001:20 } \\ & .331 \end{aligned}$ | $\begin{aligned} & \text { running:2.2989998:16.549:9.4330 } \\ & 01 \end{aligned}$ |
| $\begin{aligned} & \text { running:17.316:9.366001:4.03200 } \\ & 05 \end{aligned}$ | running:5.335:6.6660004:12.795 | running:24.478:6.6949997:35.377 |
| $\begin{aligned} & \text { running:9.405001:14.021:18.6360 } \\ & 02 \end{aligned}$ | running:0.0:3.3710003:12.995 | running:23.444:10.505999:13.32 |
| running:14.441999:0.0:18.992 | running:0.0:19.049:20.6 | $\begin{aligned} & \text { running:3.1029997:12.181001:11. } \\ & 329 \end{aligned}$ |
| running:16.865:4.2810006:9.931 | running:0.0:15.916:11.712999 | running:21.490002:11.033:11.254 |
| running:3.764001:7.71:4.96 | running:34.745:7.71:6.7419996 | running:0.0:14.117001:10.2 |
| running:3.3619995:2.595:4.913 | running:16.032001:4.74:8.858 | running:19.776:11.972:14.365001 |
| running:15.188999:0.0:36.909 | running:11.903999:35.07:31.661 | $\begin{aligned} & \text { running:10.9939995:11.368:15.45 } \\ & 5999 \end{aligned}$ |
| running:4.492:16.472:10.342 | running:7.7:6.8960004:11.319 | $\begin{aligned} & \text { running:7.3550005:14.356001:13. } \\ & 225 \end{aligned}$ |
| running:8.342:0.0:0.0 | running:27.092:18.225:7.786 | running:0.0:0.0:2.643 |
| running:16.941:6.779:4.434 | running:3.936:13.15:15.716 | running:21.883:0.0:28.098999 |
| $\begin{aligned} & \text { running:7.747999:35.864998:28.5 } \\ & 49 \end{aligned}$ | running:0.0:5.6399994:19.116 | running:15.504:19.508:5.86 |
| running:13.694:0.0:4.118 | running:8.428001:12.066999:0.0 | running:0.0:0.0:22.477 |
| running:37.638:12.709:24.487999 | running:0.0:9.959:0.0 | running:22.525:13.943:3.371 |
| running:6.2629995:8.725:19.987 | running:0.0:0.0:21.481 | $\begin{aligned} & \text { running:4.8069997:38.432:21.289 } \\ & 001 \end{aligned}$ |
| $\begin{aligned} & \text { running:2.0009995:9.384999:21.9 } \\ & 4 \end{aligned}$ | running:17.947:16.577:12.402 | running:15.1310005:0.0:16.548 |
| $\begin{aligned} & \text { running:10.832001:13.014999:16. } \\ & 894 \end{aligned}$ | running:10.535001:0.0:0.0 | $\begin{aligned} & \text { running:27.848999:3.908:33.6630 } \\ & 02 \end{aligned}$ |
| running:0.0:15.686:12.336 | running:12.450001:4.711:4.128 | running:11.559:14.864:11.462999 |
| running:15.198999:0.0:13.992001 | running:14.414:0.0:33.213 | running:7.289:32.197:33.213 |
| running:9.032:8.868:18.628 | running:2.595:13.407:6.005 | running:6.9049997:11.79:3.419 |
| running:4.884:0.0:8.591 | running:8.849:0.0:24.344 | running:23.406:13.408:12.163 |
| running:0.0:8.686:4.703 | running:20.417:10.955999:3.008 | $\begin{aligned} & \text { running:11.722:11.1380005:13.45 } \\ & 5 \end{aligned}$ |
| running:10.257:10.65:30.57 | running:5.0:24.947:36.431 | running:0.0:7.125:25.139 |
| running:7.0579996:11.444:3.553 | running:4.204:10.094:2.538 | running:5.88:6.139:0.0 |
| running:4.118:3.132:14.25 | running:33.366:6.005:11.569 | running:6.408:8.59:3.3319998 |
| running:0.0:2.509:0.0 | running:9.424:4.9900002:5.592 | running:4.118:11.023:0.0 |


| running:12.833:18.704:0.0 | running:0.0:8.647:2.318 | running:11.474:0.0:7.009 |
| :---: | :---: | :---: |
| running:0.0:11.405001:9.059 | running:4.301:14.653:2.414 | running:4.3190002:0.0:0.0 |
| running:28.53:7.288:7.785 | running:0.0:15.073999:5.477 | $\begin{aligned} & \text { running:12.298:6.6169996:3.0249 } \\ & 999 \end{aligned}$ |
| $\begin{aligned} & \text { running:5.238:3.4670002:6.79900 } \\ & 03 \end{aligned}$ | $\begin{aligned} & \text { running:21.682:12.278:13.19700 } \\ & 05 \end{aligned}$ | running:23.31:5.392:39.218002 |
| running:16.501:24.373001:24.201 | running:3.2180004:0.0:0.0 | running:19.048:15.035:8.3220005 |
| running:13.799:7.27:7.3450003 | running:8.495:7.125:2.375 | running:0.0:3.132:0.0 |
| running:31.709:2.7010002:24.718 | running:0.0:23.406:26.959 | running:13.418:8.992:8.762 |
| running:6.406:0.0:3.246 | running:0.0:15.285:12.833 | running:4.329:0.0:22.007 |
| running:12.009999:27.045:11.999 | running:8.858999:3.658:0.0 | $\begin{aligned} & \text { running:17.390999:13.2630005:13 } \\ & .005 \end{aligned}$ |
| $\begin{aligned} & \text { running:8.858:8.417999:11.49200 } \\ & 1 \end{aligned}$ | running:6.761:9.022:0.0 | running:25.398:0.0:19.029 |
| running:30.378:3.1800003:18.991 | running:0.0:12.0:2.058 | running:2.4420004:3.247:0.0 |
| running:4.09:3.7259998:2.892 | running:12.200001:15.6 | running:12.851999:0.0:22.295 |
| running:17.869999:10.41:18.8660 01 | running:14.509:16.807:13.416 | running:9.999:3.0640001:16.854 |
| running:8.513:8.705:12.439 | running:0.0:15.448:0.0 | running:11.281:0.0:0.0 |
| running:12.843:0.0:12.851999 | running:37.791:0.0:34.228 | running:0.0:20.312:16.836 |
| running:6.483:2.269:7.297 | running:6.724:18.139:0.0 | running:24.237999:0.0:24.362999 |
| running:39.101997:0.0:36.651 | running:34.055:28.941:27.447 | running:13.724:6.081:10.372 |
| running:2.431:15.313:6.235 | running:0.0:5.0759993:17.362 | ```running:17.2:2.4710007:24.24800 1``` |
| $\begin{aligned} & \text { running:3.9939995:11.521:4.3670 } \\ & 006 \end{aligned}$ | running:16.768002:5.957:0.0 | running:3.7159996:11.531:4.185 |
| $\begin{aligned} & \text { running:10.775001:4.9799995:5.9 } \\ & 28 \end{aligned}$ | ```running:36.766:12.115:3.926999 6``` | running:2.4519997:0.0:19.834 |
| running:21.098:6.79:6.647 | running:10.591999:14.873:0.0 | running:4.5009995:3.888:2.097 |
| running:3.295:8.896:6.31 | running:2.192:14.701:2.2029998 | running:7.21:0.0:10.008 |
| running:8.188999:2.5:15.84 | $\begin{aligned} & \text { running:17.133:2.2889996:17.91 } \\ & 8 \end{aligned}$ | running:15.371:9.3949995:22.055 |
| running:0.0:9.089:9.28 | running:17.325:10.851:0.0 | running:17.630001:7.844:2.08799 98 |
| running:12.163001:0.0:3.266 | running:0.0:10.545:8.954 | running:0.0:13.253:0.0 |
| running:4.109:2.001:6.359 | running:2.939:13.120001:15.026 | running:0.0:4.434:0.0 |
| running:0.0:4.1280003:11.233 | running:11.607:4.4730005:9.47 | running:16.635:0.0:6.033 |
| running:9.673:12.976001:0.0 | running:10.296:0.0:8.503 | running:9.021:15.505:10.515 |
| $\begin{array}{\|l} \hline \text { running:8.312:3.3430004:15.5529 } \\ 995 \\ \hline \end{array}$ | $\begin{aligned} & \text { running:11.769:4.8269997:16.82 } \\ & 7 \end{aligned}$ | $\begin{aligned} & \text { running:6.2530003:7.0580006:2.1 } \\ & 26 \end{aligned}$ |
| running:2.9020002:4.549:0.0 | running:9.538:2.336:3.705 | running:2.835:2.9120002:15.82 |
| running:20.677:10.773999:17.813 | running:7.547:3.17:7.211 | running:0.0:5.0759993:9.453 |
| running:5.027:3.151:3.1509998 | $\begin{aligned} & \text { running:8.552:3.6009998:6.1099 } \\ & 997 \end{aligned}$ | running:10.668:0.0:3.4 |
| running:0.0:2.5569997:0.0 | running:0.0:0.0:2.25 | running:6.54:6.6949997:2.146 |
| running:3.467:0.0:2.375 | running:4.807:4.1469994:5.047 | running:4.6730003:0.0:0.0 |


| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:3.6680002:0.0 |
| :---: | :---: | :---: |
| running:0.0:0.0:0.0 | running:0.0:0.0:4.0320005 | running:2.27:2.059:5.7280006 |
| running:2.04:0.0:2.1349998 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |
| running:2.4029999:0.0:2.94 | running:0.0:0.0:0.0 | running:0.0:2.1549997:3.659 |
| $\begin{aligned} & \text { running:3.4759998:2.8249998:3.1 } \\ & 03 \end{aligned}$ | running:3.5909996:0.0:7.642 | running:2.9600005:2.567:6.618 |
| running:2.126:2.585:0.0 | running:0.0:0.0:0.0 | running:0.0:2.5479999:0.0 |
| running:0.0:2.5950003:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |
| running:2.289:0.0:5.047 | running:0.0:3.9650002:3.237 | running:2.1069999:0.0:3.7250001 |
| running:0.0:0.0:0.0 | running:2.0309997:2.8639998:0. <br> 0 | running:0.0:0.0:2.3939998 |
| running:0.0:0.0:4.4730005 | running:0.0:0.0:2.6340003 | running:0.0:2.299:4.5020003 |
| running:5.497:0.0:5.938 | running:0.0:0.0:2.653 | running:0.0:0.0:0.0 |
| running:2.021:3.63:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:2.097 |
| running:4.837:0.0:5.0280004 | running:0.0:0.0:4.578 | running:2.9500003:0.0:0.0 |
| running:0.0:0.0:0.0 | running:2.6330001:0.0:3.764 | running:0.0:0.0:0.0 |
| running:3.621:0.0:4.7219996 | running:0.0:0.0:0.0 | running:2.04:0.0:3.3419998 |
| running:8.811:0.0:11.617001 | running:11.09:2.087:11.713 | running:3.0159998:0.0:5.785 |
| running:3.0249999:3.2659998:0.0 | running:0.0:0.0:0.0 | running:5.027:0.0:4.5099998 |
| running:0.0:0.0:0.0 | running:2.0200002:0.0:0.0 | running:0.0:0.0:3.4569998 |
| running:0.0:0.0:7.7669997 | running:2.5:2.826:0.0 | running:0.0:0.0:0.0 |
| running:0.0:0.0:3.9929996 | running:3.8579998:0.0:0.0 | running:0.0:0.0:0.0 |
| running:4.789:2.145:6.6660004 | running:2.126:0.0:3.2750006 | running:2.6139998:0.0:6.1579995 |
| running:0.0:0.0:0.0 | running:2.3650002:0.0:0.0 | running:2.7199998:0.0:2.883 |
| running:2.92:0.0:3.4770002 | running:0.0:0.0:2.0689998 | running:8.427:0.0:2.269 |
| running:2.6810002:0.0:5.009 | running:0.0:0.0:0.0 | running:0.0:0.0:3.045 |
| running:0.0:0.0:2.968 | running:0.0:0.0:3.495 | running:0.0:0.0:5.411 |
| running:0.0:2.011:2.5860004 | running:0.0:0.0:3.802 | running:0.0:2.9399998:6.292 |
| running:0.0:0.0:6.905 | running:0.0:0.0:2.2989998 | running:0.0:0.0:2.04 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:3.5429997 |
| running:0.0:0.0:0.0 | running:0.0:2.0589998:0.0 | running:0.0:0.0:0.0 |
| running:0.0:0.0:4.894 | running:0.0:0.0:3.8689995 | running:0.0:0.0:2.9299994 |
| running:0.0:0.0:0.0 | running:0.0:0.0:6.024 | running:0.0:0.0:0.0 |
| running:2.508:0.0:0.0 | $\begin{aligned} & \text { running:0.0:3.2459998:2.968999 } \\ & 9 \end{aligned}$ | running:0.0:0.0:0.0 |
| running:0.0:0.0:7.5849996 | running:0.0:0.0:3.8019996 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:3.198 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:2.365:2.4129999:0.0 | running:2.318:0.0:0.0 |
| running:0.0:0.0:3.4290004 | running:0.0:0.0:2.0210004 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:2.3269997 | running:0.0:0.0:3.0170002 |
| running:0.0:0.0:3.237 | running:0.0:0.0:3.0450006 | running:0.0:0.0:0.0 |
| running:0.0:0.0:2.317 | running:0.0:0.0:2.94 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:3.304 | running:0.0:2.4129999:7.977 |


| running:0.0:0.0:5.248 | running:0.0:0.0:0.0 | running:0.0:0.0:3.2180004 |
| :---: | :---: | :---: |
| running:0.0:0.0:2.7000003 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:2.1929998 |
| running:0.0:0.0:0.0 | running:0.0:0.0:3.2369995 | running:0.0:0.0:6.79 |
| running:0.0:0.0:0.0 | running:0.0:0.0:3.362 | running:0.0:0.0:4.396 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:2.1169996 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | running:0.0:0.0:0.0 |
| running:0.0:0.0:0.0 | running:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:2.5 |
| slow_walking:0.0:0.0:2.04 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:2.0870001:2.67 2001 |
| slow_walking:0.0:0.0:2.7870007 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:2.126:0.0:4.587999 3 |
| slow_walking:2.461:0.0:4.023 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:2.165:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:3.323:0.0:0.0 | slow_walking:2.586:0.0:0.0 |
| ```slow_walking:2.8920002:0.0:3.73 4 9 9 9 7``` | slow_walking:0.0:0.0:6.2539997 | slow_walking:0.0:0.0:2.2600002 |
| slow_walking:0.0:2.912:2.289 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:2.605 |
| slow_walking:2.615:0.0:0.0 | slow_walking:0.0:0.0:3.7159996 | slow_walking:0.0:0.0:0.0 |
| slow_walking:2.7680001:0.0:0.0 | slow_walking:0.0:0.0:2.566 | slow_walking:2.2799997:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:3.5619998 | slow_walking:0.0:3.0249999:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:2.949:0.0 | slow_walking:4.827:5.832:0.0 | slow_walking:0.0:0.0:2.5770001 |
| slow_walking:0.0:0.0:2.451 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:2.107 |
| slow_walking:0.0:0.0:0.0 | slow_walking:4.5680003:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:2.413:0.0 | ```slow_walking:4.1949997:2.988:0 .0``` | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:3.1399999:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:2.308:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:2.931:0.0 | ```slow_walking:3.8219995:5.057:2. 4 1 3``` |
| slow_walking:0.0:0.0:2.844 | slow_walking:0.0:3.5619998:0.0 | slow_walking:0.0:0.0:3.123 |


| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:2.289 | slow_walking:2.0879998:0.0:0.0 |
| :--- | :--- | :--- |
| slow_walking:2.7960005:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:2.854:0.0:2.097 |
| slow_walking:0.0:3.514:0.0 | slow_walking:0.0:3.428:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:2.1930003:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:2.1169999:0.0 | slow_walking:0.0:0.0:2.49 | slow_walking:0.0:0.0:2.663 |
| slow_walking:4.3580003:2.5:4.02 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:2.0499997:3.55 |
| 3 | slow_walking:0.0:2.556:2.68200 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:2.2509995:3.246:0 | slow_walking:0.0:2.757:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:2.6920004:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:2.547:0.0:0.0 | slow_walking:0.0:4.031:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:2.2889996:0.0:0.0 | slow_walking:4.4629993:2 <br> 99:0.0 |
| slow_walking:0.0:3.093:0.0 | slow_walking:0.0:0.0:2.279 | slow_walking:0.0:0.0:3.3.2749999 |
| slow_walking:0.0:0.0:0:0.0 | slow_walking:0.0:0:0.0:0.0 | slo.0 |


| 346 |  |  |
| :--- | :--- | :--- |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:2.0019994:0.0:0.0 | slow_walking:2.7580004:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:2.7489996:0.0:3.81 <br> 1 | slow_walking:4.118:4.127:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:2.192:2.462 | slow_walking:2.2019997:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:2.6430001:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:3.9169998:0.0:0.0 | slow_walking:3.8599997:4.051:0 <br> .0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:2.939:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:2.4519997:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:2.0109997:2.586:2. |
| slow_walking:0.0:0.0:3.409 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:2.395:0.0:0.0 | slow_walking:2.5179996:0.0:2.0 | slow_walking:0.0:0.0:2.289 |
| slow_walking:2.6529999:6.71300 | slow_walking:0.0:3.4380002:0.0 | slow_walking:0.0:3.179:2.068999 |
| 03:4.118 | slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:2.203:0.0:0.0 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:5.18:0.0 | slow_walking:0.0:0.0:2.508 |
| slow_walking:0.0:0.0:0.0 | slow_walking:0.0:0.0:3.5809999 | slow_walking:0.0:0.0:0.0 |
| slow_walking:0.0:2.835:0.0 | slow_walking:2.7389944:0.0:0.0 | slow_walking:2.4710007:0.0:0.0 |
| slow_walking:0.0:0.0:0.0 | slow_walking:6.512:2.4999998:0 | slow_walking:0.0:2.2870002:0.0 |
| slow_walking:3.323:0.0:0.0 | slow_w.0 | slowalking:2.269:2.7:0.0 |
| slow_walking:0.0:3.4369998:0.0 | slow_walking:0.0:0.0:0.0 | slow_w_walking:0.0:0.0.0:0.0 |

### 5.1 STANDARAIZATION :

All activities are now standarized using previous resuls as :
Table 5B : Data Standarization

| Activity | Standard (Cumulative Average $-\mathbf{m} / \mathbf{s}^{\mathbf{2}}$ ) |
| :--- | :--- |
| Resting | 0 |
| Very slow walking | $0.025-0.099$ |
| Slow walking | $0.10-0.399$ |
| Walking | $0.40-0.849$ |
| Fast walking | $0.85-1.049$ |
| Slow running | $1.05-1.299$ |
| Running | $1.30-1.599$ |
| Fast running | $1.60-2.00$ |

Initial application is modifed using these standards. This application is fully automatic. So application is now installed in users devices. And now the vector is also modified as
[Time stamp : User name : Activity : X-axis : Y-axis : Z-axis : CA]

Here time stamp is used to record time for every measure; and the specific user name refers to name of the user, to which the vector is related.

Time stamp: time at which measurement is done
User name: name of the user (unique to all)
Activity: user's physical activity measured by system
X-axis, Y -axis, Z-axis: Acceleration with respect to axis
CA: Cumulative Average

This vector data stored in SQLite database in device. And this data is sent to server (global PHP MYSQL database) within regular intervel. When data is sent to server, device memory (primary database) is also truncated so that memory resouce in device can be minimised.

After installing our application in a few devices, we got some results, and using those results graphs are generated which are as follows :


Figure 8: Graph between Date - Time and X-Axis Acceleration (m/s ${ }^{2}$ )


Figure 9 : Graph between Date - Time and Y-Axis Acceleration (m/s ${ }^{2}$ )


Figure 10 : Graph Between Date - Time and z-Axis Acceleration (m/s²)


Figure 11 : Graph between Date - Time and Average Axis Acceleration (m/s ${ }^{2}$ )


Figure 12 : Graph between Date - Time and Average Axis Acceleration (m/s ${ }^{2}$ )

## 6. DISCUSSION:

In this project, we are presenting a system for collecting and automatically annotating daily experience from multisensory streams on a smart phone. We use a flexible multisensory representation for incorporating multiple heterogeneous streams, along with classifiers to predict the tags with real life data acquired with our system.

Most people carry smartphones these days, so it is a convenient platform for activity monitoring. Most of the smart phones have built in accelerometers. Mobiles phones also have built in communication method that can be used for wireless data transmission. These advantages reflect the use of mobile phones has more convenient, inexpensive way to detect the activities of people.

Using data and its evaluation, research in activity monitoring based on smart phone could progress faster. It is just solving a well-defined problem that is useful to a common person. Many systems involve monitoring based on pervasive computing that measures what is happening at the user. And also mobile phone-based activity monitoring has the potential to enlarge our knowledge of human activity and provide useful data for researchers, planners and scientists related to it.

Now a day, people are widely being affected by disorders like heart disease, stroke, or depression which has wide number of causes, and symptoms. On the other side, Parkinson's disease (PD) has number of common characteristics, which can be analysed in an easier way across subjects (Gleb et al., 1999). Common symptoms like tremor are visible in movements easily and tend to use of accelerometers in analysis using mobile phones (Joundi et al., 2011).

Monitoring of users that are affected of prone by motor disabilities gives it a wide potential to use it in a better way for patient in the field of healthcare (MarkV.Albert et al., 2012). It provide an alternative approach for patient monitoring. This is important for patient related to motor disabilities such as Parkinson's disease (PD) (Goodwin et al., 2008; Dibble et al., 2009). Determining symptoms both at home provide it a potential to functional measures in a better way associated with quality of life.

## 7. FUTURE PERSPECTIVE

We are presenting a system for automatic monitoring of daily use physical activities from sensors on smart phones. Smart phones can be used as platform for collection and measurement of daily use physical activity, which is difficult to measure with multiple onbody sensors or array of sensors.

There are several directions to improve the accuracy of automatic annotations with the proposed system. This includes extraction of better features from raw data, and adding more information. Using this raw data, a significant standard is to be set to automation of activity stamp to the user. These standards automate the app fully, and also lead to accuracy regarding pre step monitoring of activity. This data is further processed, as it stored in a global database, and can be seen by a user interface. For these two purposes a server infrastructure (global database) and a user interface is implemented.

While some improvements remain to be explored further, the current work represents a system in collecting and annotating naturalistic daily experience with multisensory streams from smart phones.

This application is mostly expected to be used in research purpose for data quantification of diseases. It may be used for analysis of some factors. So some improvement in diagnostics and treatment may also happen. It can also be used for some analysis purpose like motor related disabilities such as Parkinson's disease.

## 8. APPENDIX

## SOURCE CODE

## XML CODE:

## Activity_main -

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android" xmlns:tools="http://schemas.android.com/tools" android:orientation="vertical" android:padding=" 10 dp " android:layout_height="match_parent" android:layout_width='match_parent"
>

## <TextView

android:layout_width='fill_parent"
android:layout_height="wrap_content"
android:gravity="center"
android:paddingTop="20dip"
android:text="Shake App"
android:textSize="35sp" />
<TextView
android:layout_width='fill_parent"
android:layout_height='"wrap_content"
android:gravity="center"
android:paddingTop="15dp"
android:paddingBottom="50dp"
android:text="Delhi Technological University"
android:textSize="22sp" />

## <Button

android:layout_width="188dp"
android:layout_height="wrap_content"
android:paddingTop="15dp"
android:paddingBottom="15dp"
android:text="View Results"
android:id="@+id/etresult"
android:layout_gravity="center_horizontal" />

## <Button

android:layout_width="147dp"
android:layout_height='wrap_content"
android:text="Help"
android:paddingBottom="15dp"
android:paddingTop="15dp"
android:id="@+id/ethelp"
android:layout_gravity="center_horizontal" />

## </LinearLayout>

```
Activity_login :
<LinearLayout xmlns:android='http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:orientation="vertical"
    android:padding="10dp"
    android:layout_height='match_parent"
    android:layout_width='match_parent"
    >
    <TextView
        android:layout_width='wrap_content"
        android:text="Username"
        android:layout_height="wrap_content" />
    <EditText
        android:id="@+id/etUsername"
        android:layout_width='match_parent"
        android:layout_marginBottom='10dp"
        android:layout_height="wrap_content" />
    <TextView
        android:layout_width='"wrap_content"
        android:text="password"
    android:layout_height="wrap_content" />
    <ditText
    android:id="@+id/etPassword"
    android:layout_width='match_parent"
    android:layout_marginBottom='10dp"
    android:inputType='textPassword"
    android:layout_height="wrap_content" />
    <Button
    android:id="@+id/bLogin"
    android:text='Login"
    android:layout_marginBottom='20dp"
    android:layout_width='match_parent"
    android:layout_height="wrap_content" />
    <TextView
    android:id="@+id/etforgotpasstord"
    android:layout_width='"wrap_content"
    android:text='Forgot Password"
    android:textStyle='bold"
    android:layout_marginBottom='15dp"
    android:layout_gravity="center_horizontal"
    android:layout_height="wrap_content" />
    <TextView
    android:id="@+id/tvRegisterLink"
    android:layout_width='wrap_content"
    android:text="Register here"
    android:textStyle='bold"
```

android:layout_gravity='center_horizontal" android:layout_height='wrap_content" />

## </LinearLayout>

## MAIN ACTIVITY CLASS CODE:

package com.example.selflife;
public class MainActivity extends ActionBarActivity implements View.OnClickListener \{ EditText etName,etUsername; public static String $s$;
private static float $m X, m Y, m Z$;
private static boolean initialized;
private static SensorManager aSensorManager;
private static Sensor aAccelerometer;
private static final float NOISE $=($ float $) 2.0$;
public static float avggl ;
public static int cun;
Context CTX=this;
Context ctx=this;
Context context=this;
private PendingIntent pendingIntent;
private AlarmManager manager;
Button button_help,button_result;
public static final String
result="http://genomeinformatics.dtu.ac.in/selflife/login.html";
public static final String help='http://genomeinformatics.dtu.ac.in/selflife/'';
UserLocalStore userLocalStore;
/** Called when the activity is first created. */
@ Override
public void onCreate(Bundle savedInstanceState) \{ super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main); etName=(EditText)findViewById(R.id.etName); etUsername=(EditText)findViewById(R.id.etUsername);
button_result= (Button) findViewById(R.id.etresult);
button_help= (Button) findViewById(R.id.ethelp);
button_result.setOnClickListener(this);
button_help.setOnClickListener(this);

```
    }
    public static String getCurrentTimeStamp(){
    try {
            SimpleDateFormat dateFormat = new SimpleDateFormat('yyyy-MM-dd
HH:mm:ss');
            String currentTimeStamp = dateFormat.format(new Date()); // Find todays date
            return currentTimeStamp;
            } catch (Exception e) {
            e.printStackTrace();
            return null;
        }
    }
    public void startalarm()
    {
    AlarmManager alarmManager=(AlarmManager)
context.getSystemService(Context.ALARM_SERVICE);
    Intent intent = new Intent(context, Alarmreciver.class);
    PendingIntent pendingIntent = PendingIntent.getBroadcast(context, 0, intent, 0);
    alarmManager.setRepeating(AlarmManager.RTC_WAKEUP,
System.currentTimeMillis(), 2000000,
        pendingIntent);
    }
@ Override
protected void onStart() {
    super.onStart();
    userLocalStore=new UserLocalStore(this);
    if(authenticate()){
            MytaskSensor mtask=new MytaskSensor();
            mtask.execute();
            startalarm();
    }else {
        startActivity(new Intent(MainActivity.this,Login.class));
    }
}
public boolean authenticate(){
    return userLocalStore.getUserLoggedIn();
}
@ Override
public void onClick(View v) {
    switch (v.getId()){
        case R.id.etresult:
            Intent i = new Intent(Intent.ACTION_VIEW, Uri.parse(result));
            startActivity(i);
            break;
```

```
            case R.id.ethelp:
                    Intent ik = new Intent(Intent.ACTION_VIEW, Uri.parse(help));
                startActivity(ik);
                break;
            }
    }
    private class MytaskSensor extends AsyncTask<String,String,String> implements
SensorEventListener
        public int DELAY_SENSOR=1200000;
        @Override
        protected String doInBackground(String... params) {
        // TODO Auto-generated method stub
            initialized = false;
            aSensorManager = (SensorManager)
getSystemService(Context.SENSOR_SERVICE);
            aAccelerometer =
aSensorManager.getDefaultSensor(Sensor.TYPE_ACCELEROMETER);
            aSensorManager.registerListener(this, aAccelerometer, DELAY_SENSOR);
            return null;
}
@ Override
public void onSensorChanged(SensorEvent event) {
    // TODO Auto-generated method stub
    ImageView iv = (ImageView)findViewById(R.id.image);
    float x = event.values[0];
    float y = event.values[1];
    float z = event.values[2];
    if (!initialized) {
        mX= x;
        mY= y;
        mZ = z;
        initialized = true;
            } else {
                float deltaX = Math.abs(mX - x);
            float deltaY = Math.abs(mY-y);
            float deltaZ = Math.abs(mZ - z);
            String str;
            if (deltaX < NOISE) deltaX = (float)0.0;
            if (deltaY < NOISE) deltaY = (float)0.0;
            if (deltaZ < NOISE) deltaZ = (float)0.0;
            mX = x;
```

```
mY= y;
mZ = z;
```


## float avg;

```
avg=(deltaX+deltaY+deltaZ)/3;
if(avggl!=0 && avg!=0)
{
        if(cun==0)
        {
            cun=1;
        }
        if(avggl>=2.00)
        {
        avggl=0;
        cun=1;
        }
        else avggl=(avggl+avg)/cun;
        cun++;
}
else avggl=(avggl+avg);
if(avggl==0)
{
        str='RST";
}
else if(avggl>0.025 & & avggl<0.10)
{
    str="VSW";
}
else if(avggl>=0.10 && avggl<0.40)
{
    str=''SW';
}
else if(avggl>=0.40 && avggl<0.85)
{
    str="W";
}
else if(avggl>=0.85 && avggl<1.05)
{
    str='FW';
}
else if(avggl>=1.05 && avggl<1.30)
{
        str=''SR';
}
else if(avggl>=1.30 && avggl<1.60)
{
    str=''R';
}
else if(avggl>=1.60 && avggl<2.00)
```

```
{
    str=''FR";
}
else str='LA'";
s=getCurrentTimeStamp();
```

Log. $d($ 'mtask', '"username fetch'");
String username=userLocalStore.userLocalDatabase.getString("username",""); Log. $d($ 'mtask",'"username fetched");

DatabaseOperations DB = new DatabaseOperations(ctx);
DB.putinformation(DB, $s$, username, str, Float.toString(deltaX),
Float.toString(deltaY), Float.toString(deltaZ), Float.toString(avggl));
\}
\}
@Override
public void onAccuracyChanged(Sensor sensor, int accuracy) \{
// TODO Auto-generated method stub
\}
\}
\}

